UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ____ ELECTRIC LOGS ____ FILE X WATER SANDS ____ LOCATION INSPECTED ____ SUB. REPORT/abd. ____

DATE FILED 11-8-84

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 14-20-H62-3332

DRILLING APPROVED: 11-13-84 - OIL (Exception Location)

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: VA. Application Rescinded 1-16-86

FIELD: ~~UNDESIGNATED~~ Duchesne Field

UNIT:

COUNTY: DUCHESNE

WELL NO. COYOTE UTE TRIBAL #4-10 API #43-013-31030

LOCATION 4415' FSL FT. FROM (N) (S) LINE, 445' FWL FT. FROM (E) (W) LINE. NW NW 1/4 — 1/4 SEC. 10

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
4S	4W	10	LOMAX EXPLORATION CO.				

Lomax Oil & Gas Company
Lomax Exploration Company

Lomax

RECEIVED
NOV 08 1984
DIVISION OF OIL
GAS & MINING

November 5, 1984

U. S. Department of the Interior
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Re: Coyote Ute Tribal #4-10
NW/NW Sec. 10, T4S, R4W
Duchesne County, Utah
Application for Permit to Drill

Gentlemen:

Please find enclosed the original and three (3) copies of our Application for Permit to Drill for the subject well.

It is requested that a copy of the approval be mailed to Lomax's Roosevelt Utah office at P. O. Box 1446, Roosevelt, Utah 84066.

If further information is required, please advise.

Yours very truly,

Paul Curry

Paul Curry
Engineering Assistant

PC:da
Enclosures

cc: State of Utah
Division of Oil and Gas
4241 State Office Building
Salt Lake City, Utah 84114

Bureau of Indian Affairs
Realty Property Management Office
Unita and Ouray Agency
Ft. Duchesne, Utah 84026

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

2. NAME OF OPERATOR
Lomax Exploration Company

3. ADDRESS OF OPERATOR
P. O. Box 4503 Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
445' FWL & 4415' FSL (NW 1/4 NW 1/4)
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
BIA 14-20-H62-3332

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Coyote Ute Tribal

9. WELL NO.
#4-10

10. FIELD AND POOL, OR WILDCAT
~~Wildcat~~ Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 10: T4S, R4W, USB&M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles east of Duchesne Utah

12. COUNTY OR PARISH: Duchesne
13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 445'

16. NO. OF ACRES IN LEASE: 924.17

17. NO. OF ACRES ASSIGNED TO THIS WELL: 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1754'

19. PROPOSED DEPTH: 8500' Wasatch

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5652 ungraded ground

22. APPROX. DATE WORK WILL START*
March 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	600'	To surface
8-3/4"	7"	23# & 26#	7500'	As required
6-1/8"	4-1/2" Liner	13.5#	8500'	As required

NOTE: Anticipated bottom hole pressure is 4200 PSI.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/13/84
BY: John R. Baza

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED G. L. Pruitt TITLE V.P. Drilling & Production DATE November 1, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

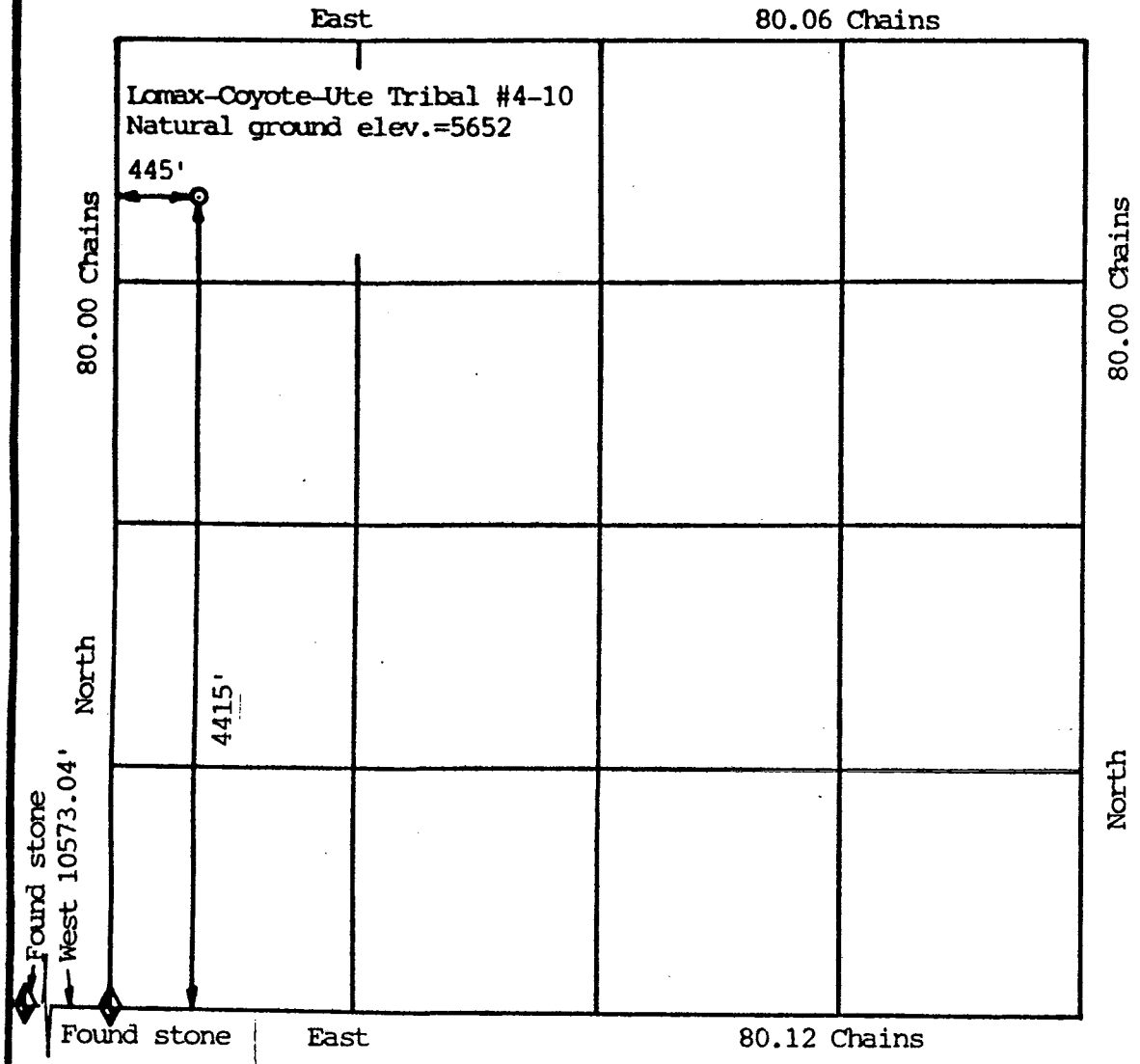
***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SECTION 10
TOWNSHIP 4 SOUTH, RANGE 4 WEST
UINTAH SPECIAL BASE AND MERIDIAN
DUCHESNE COUNTY, UTAH

LOMAX EXPLORATION CO.

WELL LOCATION: N.W.¼, N.W.¼



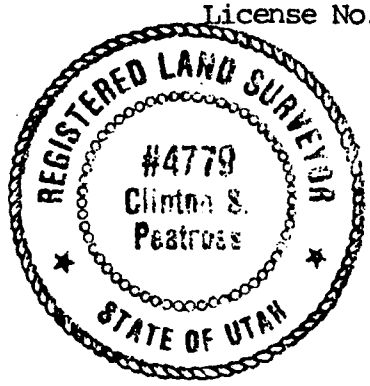
SCALE 1"=1000'

SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Lans Surveyor, and that I hold License No. 4779, as prescribed by the laws of the state of Utah, and that I have made a survey of the oil well location, as shown on this plat.

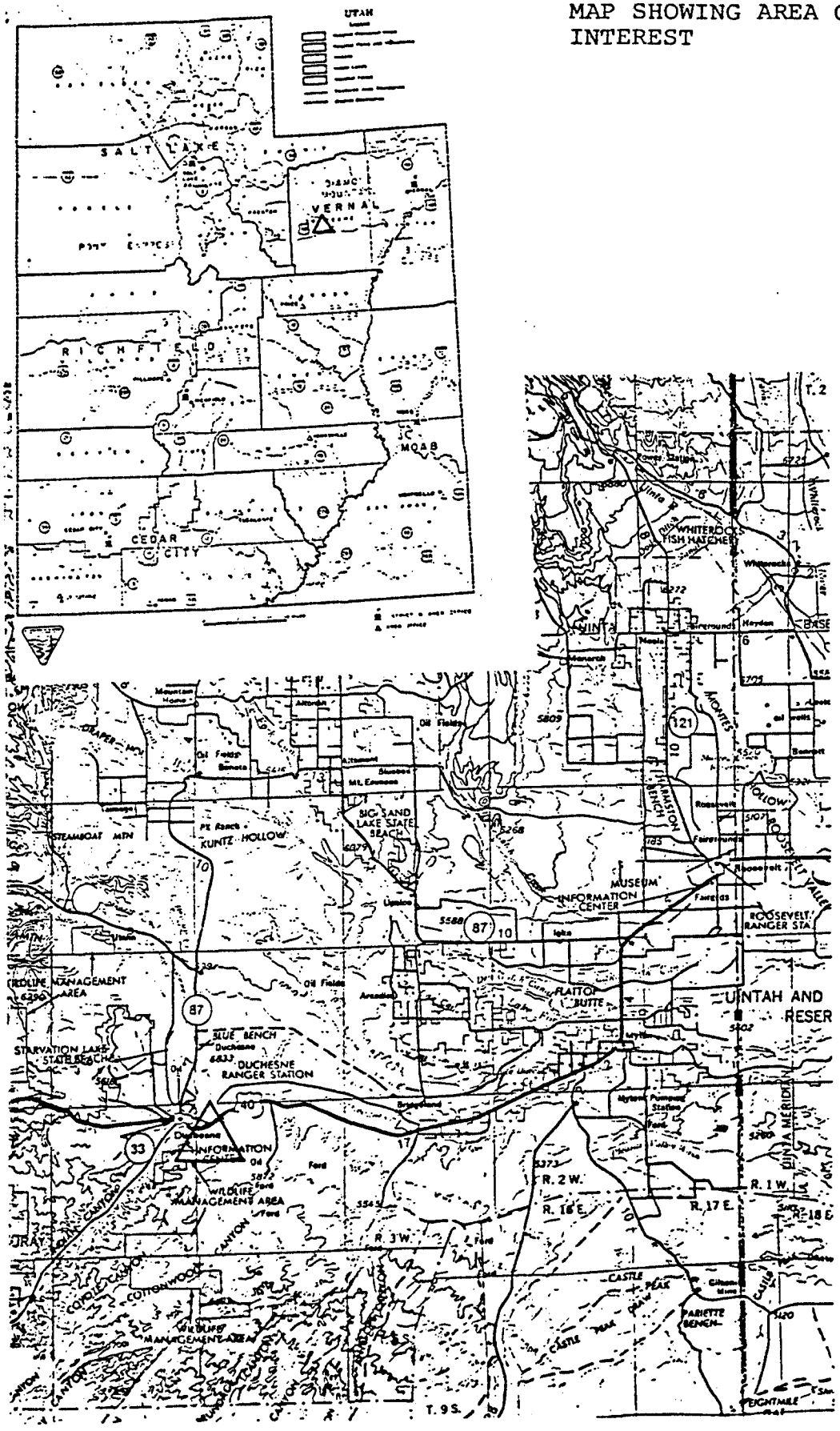
9/26/84
Date

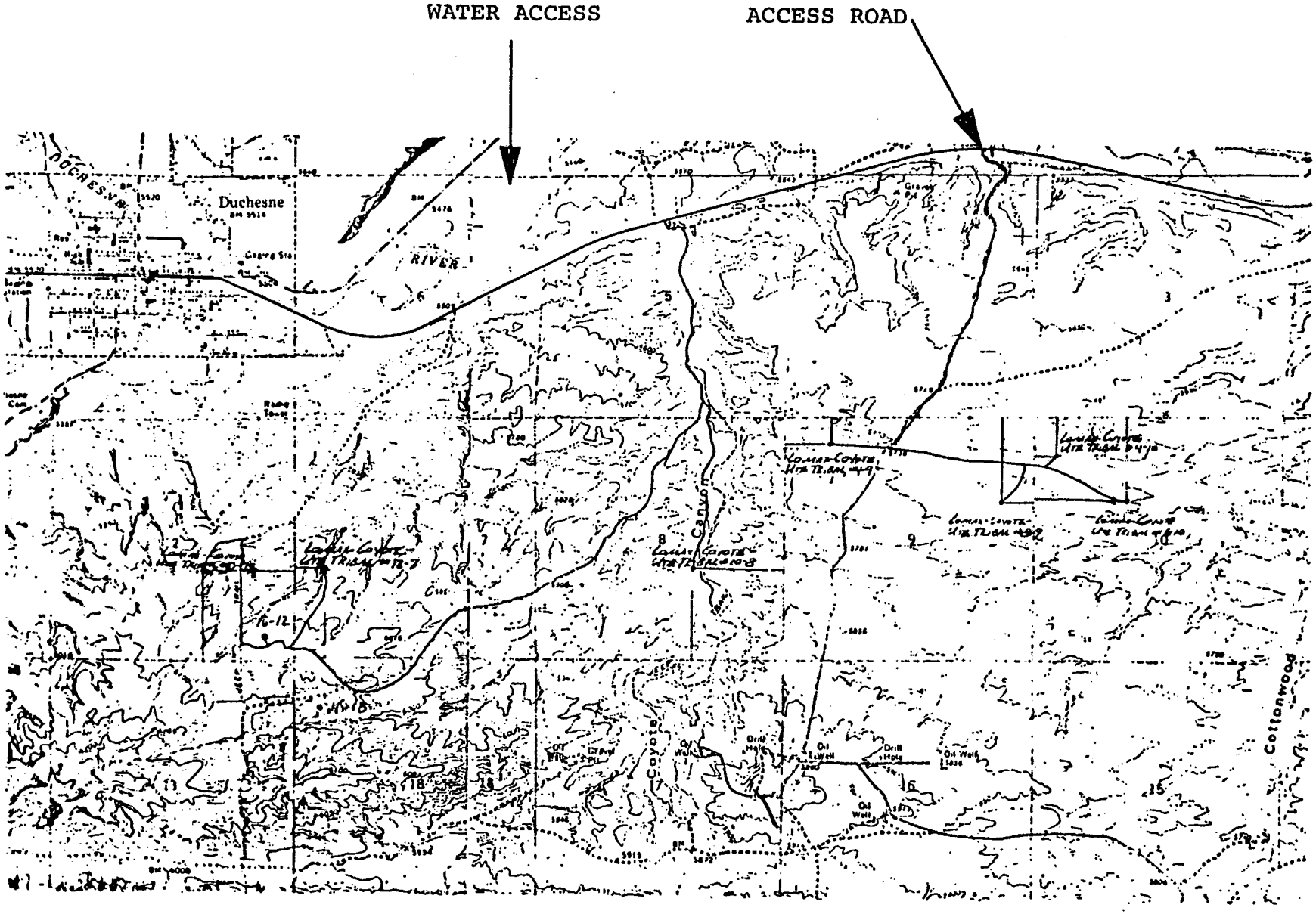
Clinton S. Peatross
License No. 4779 (Utah)

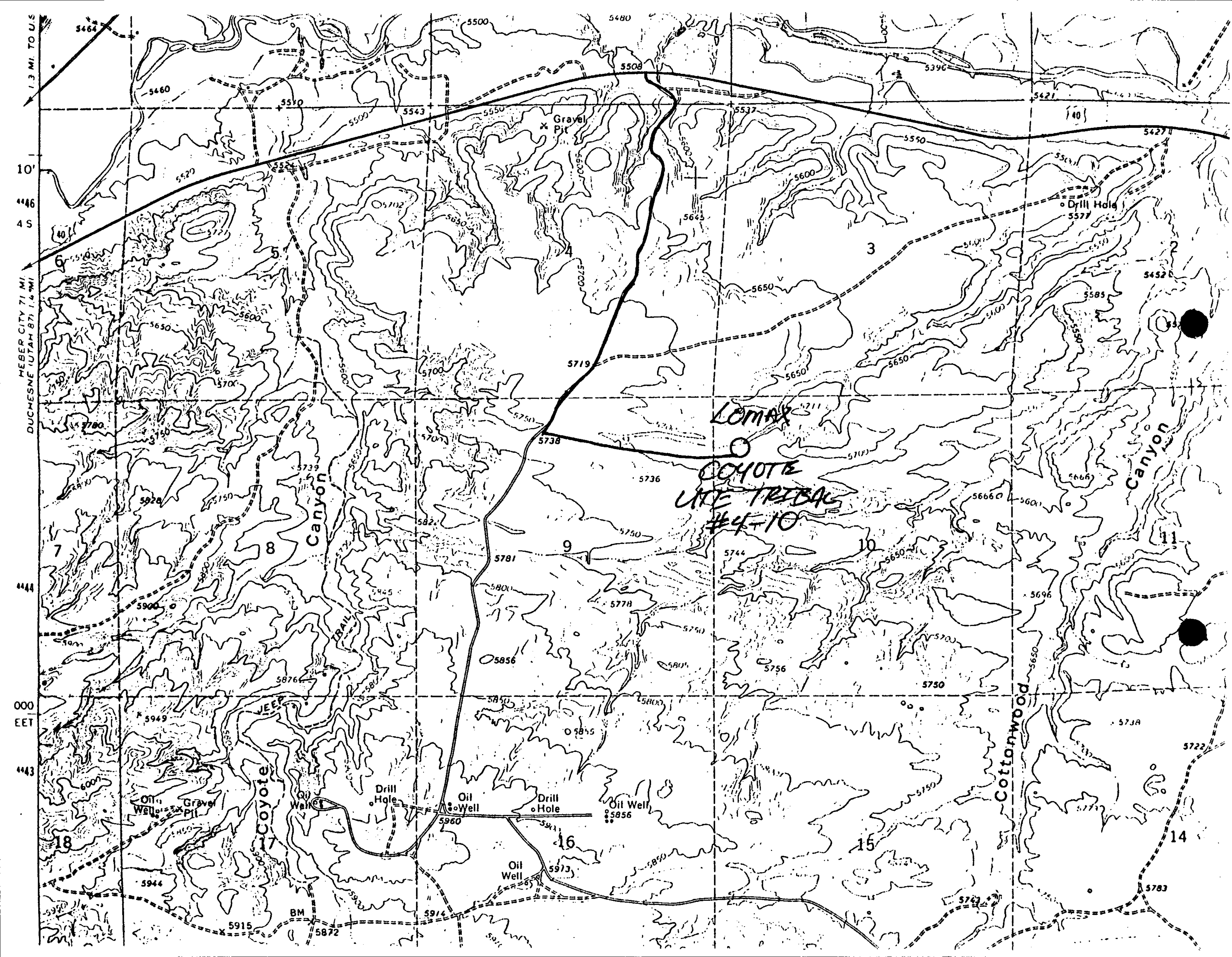


Section data obtained from G.L.O. plat.
Job #241
Lease #BIA-14-20-H62-3332

△ STATE OF UTAH AND REGIONAL MAP SHOWING AREA OF INTEREST




WATER ACCESS
ACCESS ROAD
Duchesne
RIVER
Coyote Canyon
Cottonwood


1.3 MI. TO U.S.
HEBER CITY 71 MI.
DUCHESNE (UTAH 87) 1.4 MI.
10'
4446
4 S
4444
000
EET
4443
40
LOMAX
COYOTE
UTE TRIBAL
#4-10
Gravel Pit
Drill Hole
Canyon
Canyon
Cottonwood
Coyote
JEEP
TRAIL
Oil Well
Oil Well
Oil Well
Oil Well
Oil Well
Drill Hole
Drill Hole
Gravel Pit
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5944
5915
5872
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5666
5696
5750
5756
5452
5585
5780
5820
5900

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY
Coyote Ute Tribal #4-10
NW/NW Sec. 10, T4S, R4W
Duchesne County, Utah

1. Geologic Surface Formation

Uinta formation of Upper Eocene Age

2. Estimated Tops of Important Geologic Markers

Uinta	Surface
Green River	2000'
Wasatch	7250

3. Estimated Depths of Anticipated Water, Oil, Gas of Minerals

Green River	4900 - Oil
Wasatch	7700 - Oil

4. Proposed Casing Program

9-5/8", 36#, J-55; set at 600'
7", 23#, K-55 & 26#, N-80; set at 7500'
4-1/2", 13.5# Liner; set to TD

All casing will be new

5. Minimum Specifications for Pressure Control

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See Exhibit A)

6. Type and Characteristics of the Proposed Circulation Muds

It is proposed that the hole be drilled with KCl water to ± 7500' and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 12.5 ppg as necessary for gas control.

7. Auxiliary Safety Equipment to be Used

Auxiliary safety equipment will be a Kelly Cock, and a T1W valve with drill pipe threads.

8. Testing, Logging and Coring Programs

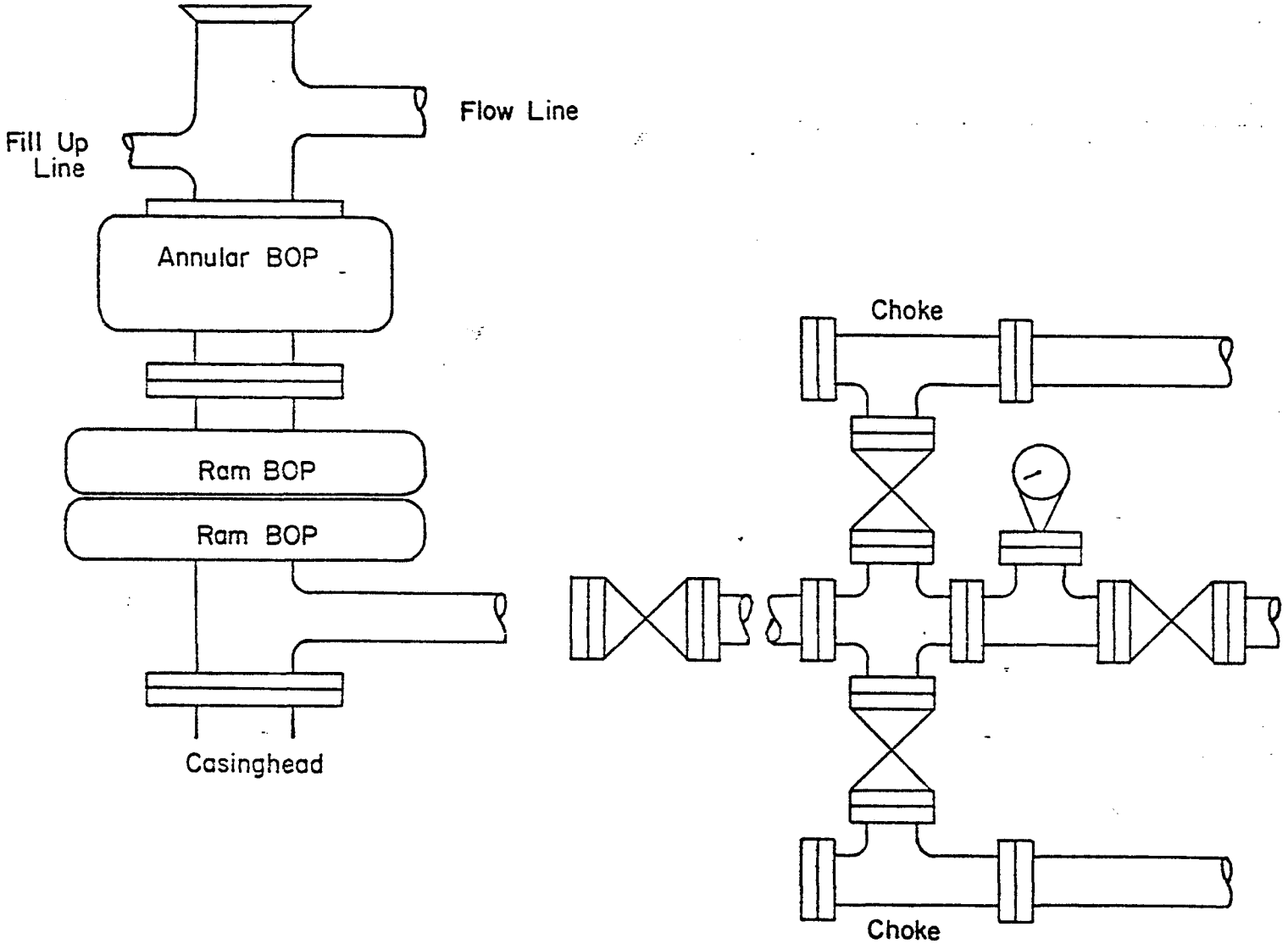
No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. Anticipated Abnormal Pressure or Temperature

The potential exists for abnormal pressure below 7000'. No other abnormal hazards such as H2S gas are anticipated in this area.

10. Anticipated Starting Date and Duration of the Operations

It is anticipated that operations will commence approximately March 1985.



ALL EQUIPMENT 3000 PSI OR HIGHER WORKING PRESSURE

LOMAX EXPLORATION

13 Point Surface Use Plan

For

Well Location

Coyote Ute Tribal #4-10

Located In

Section 10: T4S, R4W, U.S.B & M.

Duchesne County, Utah

LOMAX EXPLORATION
Coyote Ute Tribal #4-10
Section 10 : T4S , R4W , U.S.B.&M.

1. Existing Roads - See accompanying topographic map.
   A. To reach LOMAX EXPLORATION well location site Coyote Ute Tribal #4-10 located in the NW¼NW¼ Section 10: T 4S, R 4W, U.S.B. & M., Duchesne County, Utah:
   B. Proceed Easterly out of Duchesne, Utah along U.S. Highway 40, 3.6 miles to the Junction with an existing dirt road to the South; proceed in a Southerly direction along this road 1.3 miles to its junction with the proposed access road (to be discussed in item #2).

   C. The highways mentioned in the foregoing paragraph are bituminous surfaced roads to a point where gravel road exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.
   D. The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in, and range from clays to a sandy-clay shale material.
   E. The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. Planned Access Roads - See Topographic Map "B"
   A. The planned access road leaves the existing road described in Item #1 in the NE¼NW¼ Section 9: T 4S, R 4W, U.S.B. & M., and proceeds in an easterly direction approximately .6 miles to the proposed location site.
   B. The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.
   C. Back Slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.
   D. There will be no culverts required along this access road.
   E. There will be no turnouts required along this road.
   F. There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.
   G. The lands involved in this action are under B.L.M. jurisdiction.
   H. The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. Location of Existing Wells

A. There is one Lomax Exploration Co. well currently being completed within a one mile radius of this location site, the Coyote Ute Tribal #10-9.

B. There are no known water wells, shut-in wells for other resources within a one mile radius.

4. Location of Existing and/or Proposed Facilities

A. One Lomax well is being completed within a one mile radius of this location site.

B. A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery cannot be improvised, a flowline will be built which will extend to an existing battery in the area.

C. The area will be built if possible, with native materials and if these materials arenot available, then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. Location and Type of Water Supply - See Topographic Map "A"

A. At the present time, it is anticipated that the water for this well will be hauled by truck from a private water source that is indicated on Topographic Map "A". (Duchesne River, two miles north)

B. In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

C. There will be no water well drilled at this location site.

6. Source of Construction Materials

A. All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. Method of Handling Waste Disposal - See Location Layout Sheet

A. A reserve pit will be constructed.

B. The reserve pit will vary in size and depth according to the water table at the time drilling.

C. One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

D. If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

E. The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

F. At the onset of drilling, the reserve pit will be fenced on three

sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

G. When thereserve pit dried and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

H. A portable chemical toilet will be provided for human waste.

8. Ancillary Facilities

A. There are no ancillary facilities planned for at the present time and none forseen in the near future.

9. Well Site Layout - See attached Location Layout Sheet

A. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

B. As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too pourous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

C. When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. Plans for Restoration of Surface

A. As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

B. Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

C. Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

D. When restoration activites have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. Other Information

A. The Topography of the General Area - (See Topographic Map "A").

1. The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South.

2. The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.
3. The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.
4. Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.
5. The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.
6. The majority of the numerous washes and draws in the area are of non-perennialnature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area in only 8".
7. Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.
8. The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.
9. The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

B. <u>The Topography of the Immediate Area</u> - (See Topographic Map "B").
1. The proposed location is located approximately 2 miles south of Duchesne River which runs east. The location is on a ridge between Coyote & Cottonwood Canyons.
2. The terrain in the vicinity of the location slopes from the southeast through the location site to the northeast at approximately 7% grade.
3. The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.
4. There are no occupied dwellings or other facilities of this nature in the general area.
5. There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

LOMAX EXPLORATION
Coyote Ute Trival #4-10
Section 10: T4S, R4W, U.S.B. & M.

12. Lessee's or Operator's Representative

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East, Ste 880
Houston Texas 77060

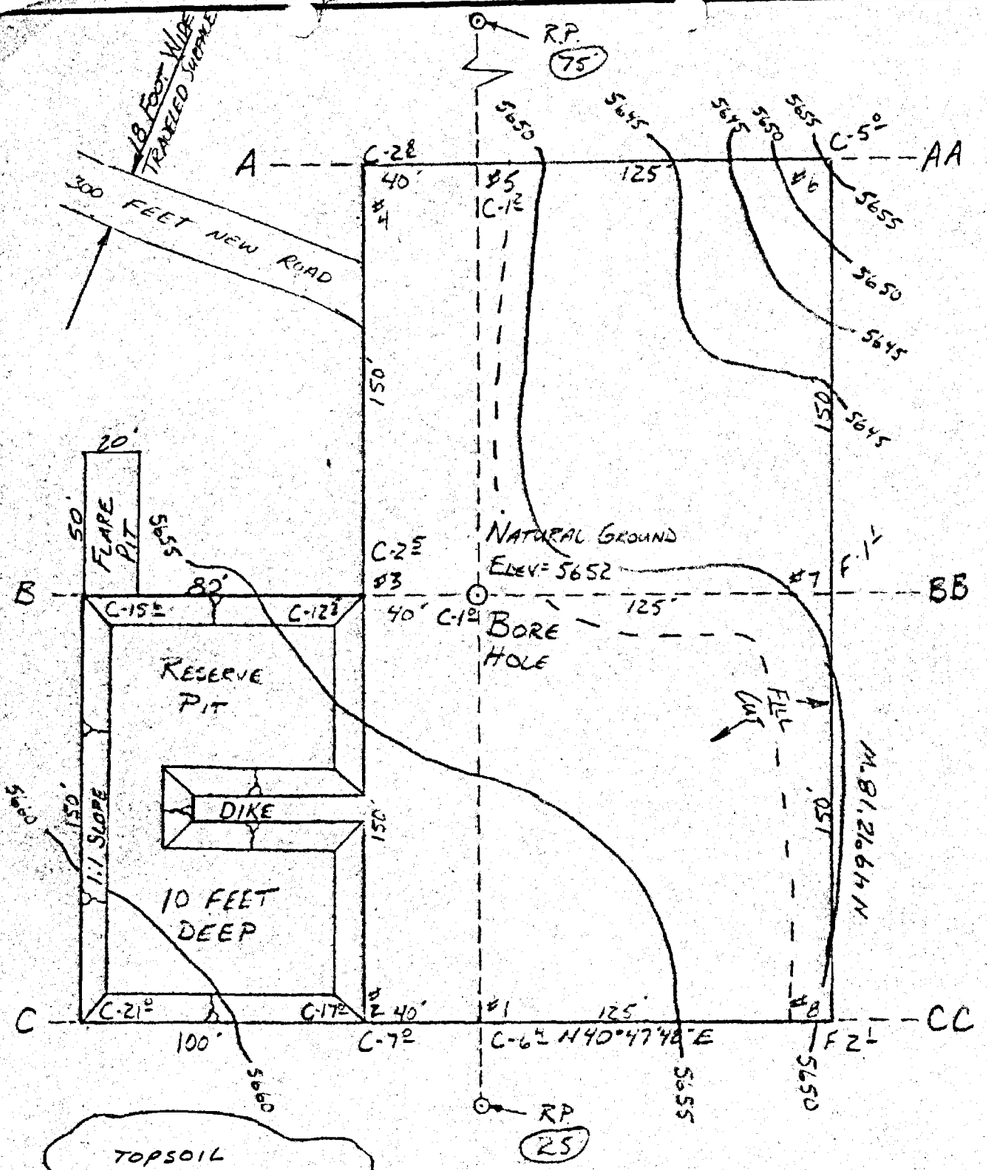
1-713-931-9276

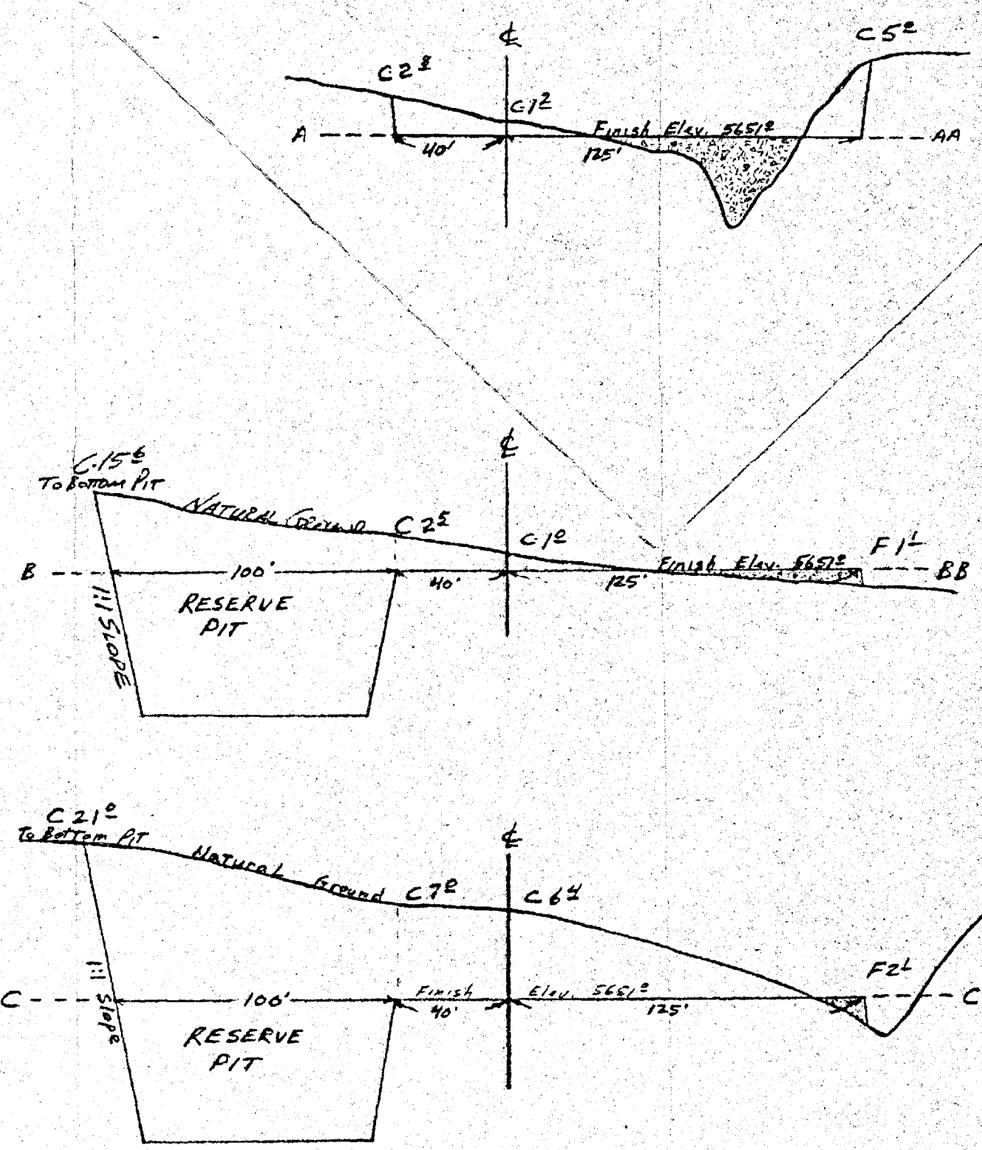
13. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

11/1/84
Date

G. L. Pruitt





JOB #241

9/28/84

NOTES

9980 CUBIC YARDS CUT.
767 CUBIC YARDS FILL.
300 FEET OF NEW ROAD
CONSTRUCTION 18 FEET WIDE
TO INTERSECT PROPOSED ACCESS
TO LOMAX #6-10

REGISTERED LAND SURVEYOR
#4779
Clinton S. Peatross
STATE OF UTAH

PREPARED FOR
LOMAX EXPLORATION CO.
P.O. BOX 4503 HOUSTON, TEXAS 77210

LOMAX-COYOTE-UTE TRIBAL # 4-10
N.W. ¼, N.W. ¼, SECTION 10, T. 4S., R. 4W., USB&M.
DUCHESNE COUNTY, UTAH LEASE # B.I.A.-14-20-H62-3532

PREPARED BY
PEATROSS LAND SURVEYS
REGISTERED LAND SURVEYORS
P.O. BOX 271
DUCHESNE, UTAH 84021
(801) 738-2386

JOB #241
LOMAX-COYOTE-UTE TRIBAL #4-10

Form 97 2M 10-70

TEMPORARY

Application No. T 60262

43-9611

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is Matador Service, Inc.

3. The Post Office address of the applicant is P. O. Box 1958, Roosevelt, Utah 84066

4. The quantity of water to be appropriated _____ second-feet and/or 24.0 acre-feet

5. The water is to be used for Oil well drilling (Major Purpose) from Sept. 4, 1984 (Month) (Day) to Sept. 4, 1985 (Month) (Day)

other use period _____ (Minor Purpose) from _____ (Month) (Day) to _____ (Month) (Day)

and stored each year (if stored) from _____ (Month) (Day) to _____ (Month) (Day)

6. The drainage area to to which the direct source of supply belongs is _____ (Leave Blank)

7. The direct source of supply is* Duchesne River (Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point* South 1000 ft. from NE Cor. SEc. 11, T3S,R5W,USB&M

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of pumped into tank trucks and hauled to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____ area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

Total _____ Acres

12. Is the land owned by the applicant? Yes _____ No x If "No," explain on page 2. Leased to oil companies

13. Is this water to be used supplementally with other water rights? Yes _____ No x
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. _____

15. If application is for mining, the water will be used in _____ Mining District at the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered _____

17. If application is for domestic purposes, number of persons _____, or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Well drilling and completion work

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. See Explanatory

21. The use of water as set forth in this application will consume 24.0 ~~second-feet and~~/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Paragraph # 20: ALL COYOTE UTE TRIBAL

7-3 SW¼NE¼ Sec. 3, T4S,R4W,USB&M
7-4 SW¼NE¼ Sec. 4, T4S,R4W,USB&M
12-7 NW¼SW¼ Sec. 7, T4S,R4W,USB&M
10-8 NW¼SE¼ Sec. 8, T4S,R4W,USB&M
4-9 NW¼NW¼ Sec. 9, T4S,R4W,USB&M
8-9 SE¼NE¼ Sec. 9, T4S,R4W,USB&M
4-10 NW¼NW¼ Sec. 10, T4S,R4W,USB&M
6-10 SE¼NW¼ Sec. 10, T4S,R4W,USB&M
10-12 NW¼SE¼ Sec. 12, T4S,R5W,USB&M
16-8 SE¼SE¼ Sec. 8, T4S,R4W,USB&M
16-9 SE¼SE¼ Sec. 9, T4S,R4W,USB&M
3-13 NE¼NW¼ Sec. 13, T4S,R5W,USB&M

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Don Muchow
Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH
County of Uintah } ss

On the 4th day of September, 1984 personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

LAWELLA J. NIELSON
Commission Expires
[illegible]
STATE OF UTAH

Lawella J. Nielson
Notary Public

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus $7.50 for each cfs above the first cubic foot per second.
over 15.0	150.00	

Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus $7.50 for each 500 a.f. above the first 500 acre feet.
over 7500	150.00	

(This section is not to be filled in by applicant)

2:30 p.m. STATE ENGINEER'S ENDORSEMENTS

1. 9-4-54 Application received ~~over counter~~ by mail in State Engineer's office by T.Y.
2. ..... Priority of Application brought down to, on account of .....
3. ..... Application fee, $....., received by ..... Rec. No.....
4. ..... Application microfilmed by ..... Roll No. .....
5. ..... Indexed by ..... Platted by .....
6. ..... Application examined by .....
7. ..... Application returned, ... or corrected by office .....
8. ..... Corrected Application resubmitted by mail / over counter to State Engineer's office.
9. ..... Application approved for advertisement by .....
10. ..... Notice to water users prepared by .....
11. ..... Publication began; was completed .....
    Notice published in .....
12. ..... Proof slips checked by .....
13. ..... Application protested by .....
14. ..... Publisher paid by M.E.V. No. .....
15. ..... Hearing held by .....
16. ..... Field examination by .....
17. ..... Application designated for approval / rejection
18. ..... Application copied or photostated by ..... proofread by .....
19. ..... Application approved / rejected
20. Conditions:

    This Application is approved, subject to prior rights, as follows:

    a. Actual construction work shall be diligently prosecuted to completion.

    b. Proof of Appropriation shall be submitted to the State Engineer's office by .....

    c. .....

    ..... State Engineer

21. ..... Time for making Proof of Appropriation extended to .....
22. ..... Proof of Appropriation submitted.
23. ..... Certificate of Appropriation, No. ....., issued

Application No.....

OPERATOR Lomax Exploration DATE 11/13/84

WELL NAME Coyote Ute Tribal 4-10

SEC NWNW 10 T 4S R 4W COUNTY Duchesne

43-013-31030
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

- [✓] PLAT
- [✓] BOND
- [ ] NEAREST WELL
- [✓] LEASE
- [✓] FIELD
- [✓] POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other oil wells within 1000'
Water OK 43-9611
Exception location

APPROVAL LETTER:

SPACING: [ ] A-3 _____ UNIT [ ] c-3-a _____ CAUSE NO. & DATE

[ ] c-3-b [✓] c-3-c

STIPULATIONS:

[illegible]

11/2/84
25020

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 13, 1984

Lomax Exploration Company
P.O. Box 4503
Houston, Texas 77210

Gentlemen:

Re: Well No. Coyote Ute Tribal 4-10 - NWNW Sec. 10, T. 4S, R. 4S
4415' FSL, 445' FWL, Duchesne County, Utah

Approval to drill the above referenced well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you detetermine that its necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31030.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

gl
Enclosures
cc: Branch of Fluid Minerals

Lomax Oil & Gas Company
Lomax Exploration Company

LOMAX

November 14, 1984

RECEIVED
NOV 19 1984
DIVISION OF OIL
GAS & MINING

State of Utah
Division of Oil and Gas
4241 State Office Building
Salt Lake City, Utah 84114

Re: Coyote Ute Tribal Well #4-10
Sec. 10, T4S, R4W
Duchesne County, Utah
Lease No. BIA-14-20-H62-3332
Sundry Notice

Gentlemen:

Enclosed please find three copies of a Sundry Notice on the above referenced well.

If there are any questions, please call.

Very truly yours,

Paul Curry

Paul Curry
Engineering Assistant

PC:da
Enclosures
cc: U. S. Department of the Interior
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

333 North Belt East, Suite 880, Houston, Texas 77060 (713) 931-9276 Mailing Address: P.O. Box 4503, Houston, Texas 77210-4503

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: BIA-14-20-H62-3332

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

RECEIVED
NOV 19 1984
DIVISION OF OIL GAS & MINING

2. NAME OF OPERATOR: Lomax Exploration Company

8. FARM OR LEASE NAME: Coyote Ute Tribal

3. ADDRESS OF OPERATOR: P. O. Box 4503 Houston, Texas 77210

9. WELL NO.: #4-10

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 445' FWL & 4415' FSL NW/NW

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10, T4S, R4W

14. PERMIT NO.: -

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5652' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Request Exception Location			[S]	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

We request an Exception Location for the subject well per Rule C-3(c). This unorthodox location is requested due to topographic conditions. Lomax Exploration Company controls all oil and gas leases within a 660' radius of the proposed location.

18. I hereby certify that the foregoing is true and correct

SIGNED Paul Curry Paul Curry TITLE Engineering Assistant DATE November 14, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

3100
O & G

March 19, 1985

Lomax Exploration Company
P. O. Box 4503
Houston, Texas 77210-4503

Re: Application for Permit to Drill
Well No. 4-10
Section 10, T4S, R4W
Duchesne County, Utah
Lease No. 14-20-H62-3332

The referenced application for permit to drill was received in this office on November 8, 1984.

Reviewing the application disclosed that we have not received the additional required information to make your application administratively complete.

Therefore, in accordance with Onshore Oil & Gas Order No. 1, part III, we are returning your application unapproved.

This office will commence processing the application upon receipt of a new complete package.

If you have any questions, please feel free to call.

Sincerely,

Assistant District Manager
for Minerals

Enclosures

cc: BIA
State Div. OG&M
well file

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 16, 1986

Lomax Exploration Company
P.O. Box 4503
Houston, Texas 77210-4503

Gentlemen:

Re: Well No. Coyote Ute Tribal 4-10 - Sec. 10, T. 4S, R. 4W, Duchesne County, Utah - API # 43-013-31030

In concert with action taken by the Bureau of Land Management, March 19, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

John R. Baza
Petroleum Engineer

ts
cc: Dianne R. Nielson
Ronald J. Firth
File

0320/35

NEWFIELD

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

June 4, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RECEIVED
JUN 0 5 2013
DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #13-19-9-16
Monument Butte Field, Lease #UTU-74391
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-19-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Environmental Manager

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #13-19-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-74391

JUNE 4, 2013

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COVER PAGE
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WORK PROCEDURE FOR INJECTION CONVERSION
COMPLETED RULE R615-5-1 QUESTIONNAIRE
COMPLETED RULE R615-5-2 QUESTIONNAIRE

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ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
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ATTACHMENT F	WATER ANALYSIS
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #13-19-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74391
Well Location: QQ SWSW section 19 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well?. . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-33103

Proposed injection interval: from 3658 to 5654
Proposed maximum injection: rate 500 bpd pressure 1868 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature
Title Environmental Manager Date 6/4/13
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

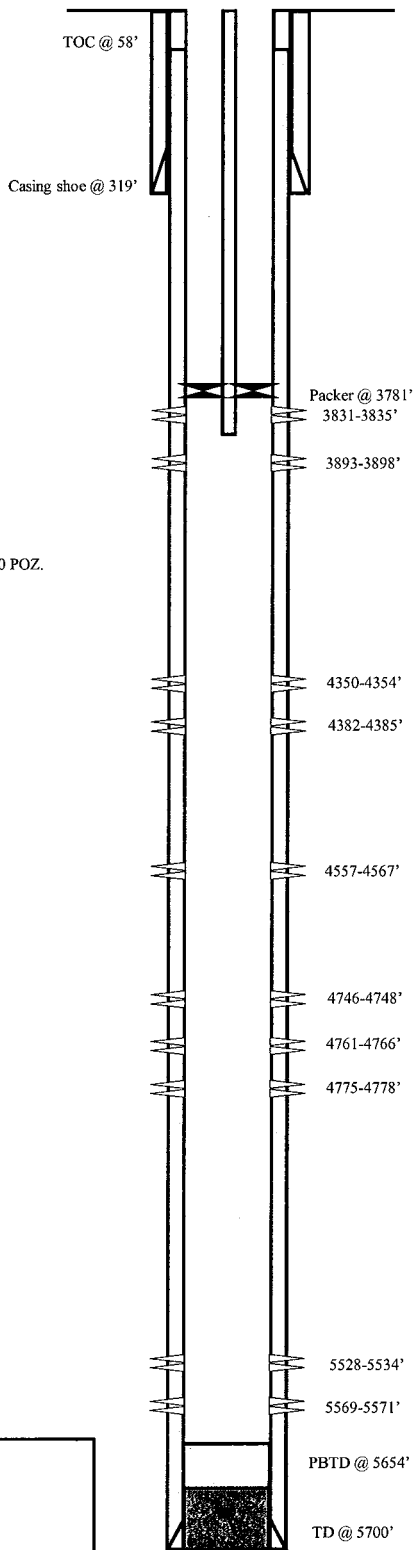
Comments:

Federal 13-19-9-16

Spud Date:
Put on Production:

GL: 6044' KB: 6056'

Proposed Injection
Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (30.7.17')
DEPTH LANDED: 319.02'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (5642.16')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5696.9'
CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.
CEMENT TOP AT: 58'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 167 jts (5251.5')
TUBING ANCHOR: 5264'
NO. OF JOINTS: 1 jts (31.7')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5298' KB
NO. OF JOINTS: 1 jts (31.6'), 3 jts (94.5')
GAS ANCHOR: 5330.7
TOTAL STRING LENGTH: EOT @ 5432'

FRAC JOB

8-21-09	**5528-5571'**	**Frac CP5 sands as follows:** Frac with 15618# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	**4746-4778'**	**Frac A1 sands as follows:** Frac with 60817# 20/40 sand in 358 bbls Lightning 17 fluid.
8-21-09	**4557-4567'**	**Frac B.5 sands as follows:** Frac with 15408# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	**4350-4385'**	**Frac D1 & D2 sands as follows:** Frac with 61285# 20/40 sand in 360 bbls Lightning 17 fluid.
8-21-09	**3831-3898'**	**Frac GB4 & GB5 sands as follows:** Frac with 84734# 20/40 sand in 506 bbls Lightning 17 fluid.
9/30/09		Pump Change. Updated rod & tubing details.
11/30/2009		Pump Change. Updated rod and tubing detail.
05/01/10		Pump Change. Updated rod and tubing detail.
07/23/11		Pump Change. Rods & tubing updated.

PERFORATION RECORD

5569-5571'	3 JSPF	6 holes
5528-5534'	3 JSPF	18 holes
4775-4778'	3 JSPF	9 holes
4761-4766'	3 JSPF	15 holes
4746-4748'	3 JSPF	6 holes
4557-4567'	3 JSPF	30 holes
4382-4385'	3 JSPF	9 holes
4350-4354'	3 JSPF	12 holes
3893-3898'	3 JSPF	15 holes
3831-3835'	3 JSPF	12 holes

NEWFIELD

Federal 13-19-9-16
588' FSL & 758' FWL SWSW
Section 19-T9S-R16E
Duchesne Co, Utah
API # 43-013-33103; Lease # UTU-74391

JL 12/18/2012

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #13-19-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #13-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3658' - 5654'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3324' and the TD is at 5700'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #13-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-74391) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24# surface casing run to 319' KB, and 5-1/2", 15.5# casing run from surface to 5697' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1868 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #13-19-9-16, for existing perforations (3831' - 5571') calculates at 0.78 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1868 psig. We may add additional perforations between 3324' and 5700'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #13-19-9-16, the proposed injection zone (3658' - 5654') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

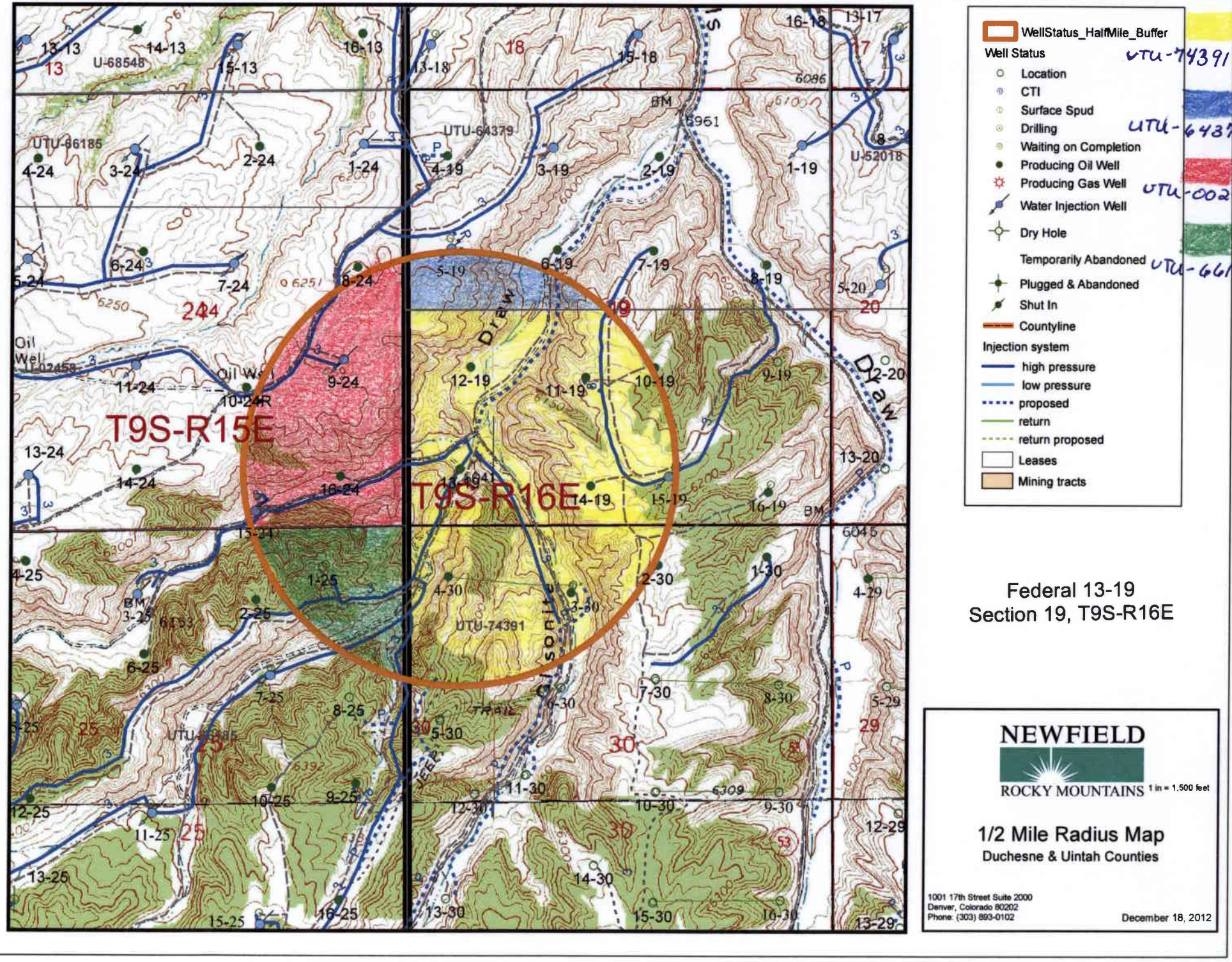
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

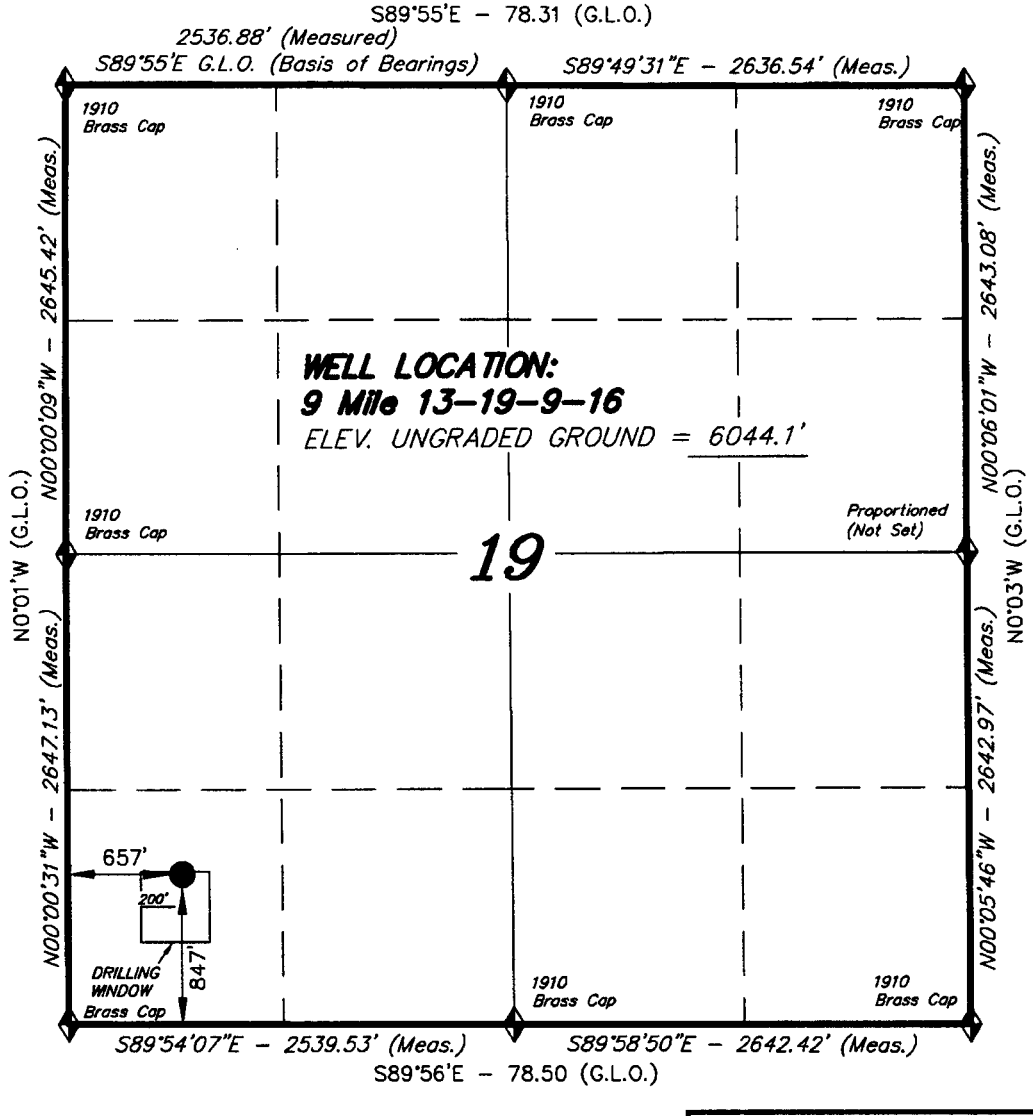
Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



ATTACHMENT A-1

T9S, R16E, S.L.B.&M.



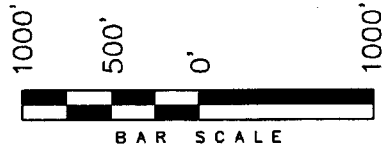
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

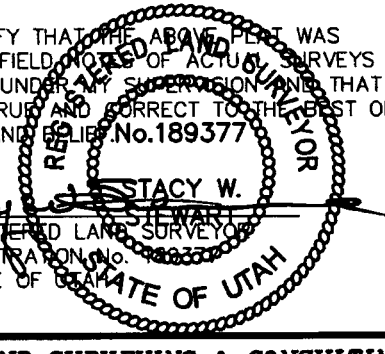
9 Mile 13-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 41.35"
LONGITUDE = 110° 10' 07.66"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 Mile 13-19-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 19, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 2-20-06	SURVEYED BY: C.M.
DATE DRAWN: 2-24-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-002458 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #13-19-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Eric Sundberg
Environmental Manager

Sworn to and subscribed before me this 4th day of June, 2013.

Notary Public in and for the State of Colorado: Candice L. Kowalski

My Commission Expires: My Commission Expires Feb. 25, 2017

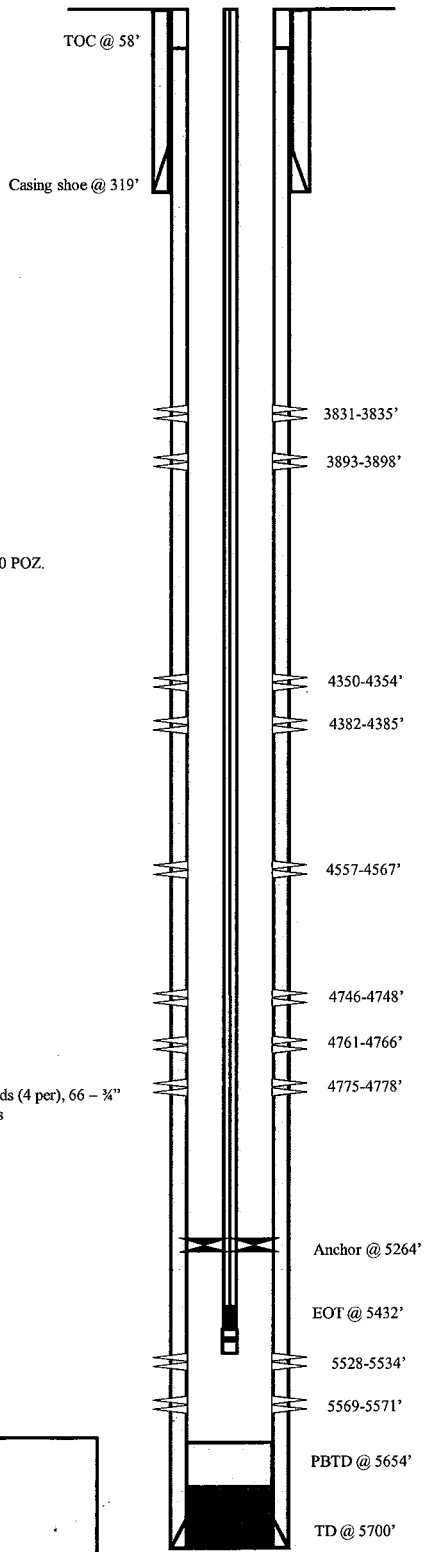
CANDICE L. KOWALSKI
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20094004982
My Commission Expires Feb. 25, 2017

ATTACHMENT E

Federal 13-19-9-16

Spud Date:
Put on Production:
GL: 6044' KB: 6056'

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (30.7.17')
DEPTH LANDED: 319.02'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (5642.16')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5696.9'
CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.
CEMENT TOP AT: 58'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 167 jts (5251.5')
TUBING ANCHOR: 5264'
NO. OF JOINTS: 1 jts (31.7')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5298' KB
NO. OF JOINTS: 1 jts (31.6'), 3 jts (94.5')
GAS ANCHOR: 5330.7
TOTAL STRING LENGTH: EOT @ 5432'

SUCKER RODS

POLISHED ROD: 1 ½" x 26'
SUCKER RODS: 1 – ¾" x 2' pony rods, 109 – ¾" guided rods (4 per), 66 – ¾" sucker rods, 30 – ¾" guided rods (4 per), 6 - 1 ½" Sinker bars
PUMP SIZE: 2 ½ x 1 ½ x 20' RHAC
STROKE LENGTH: 68"
PUMP SPEED: SPM 6

FRAC JOB

8-21-09	**5528-5571'**	**Frac CP5 sands as follows:** Frac with 15618# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	**4746-4778'**	**Frac A1 sands as follows:** Frac with 60817# 20/40 sand in 358 bbls Lightning 17 fluid.
8-21-09	**4557-4567'**	**Frac B.5 sands as follows:** Frac with 15408# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	**4350-4385'**	**Frac D1 & D2 sands as follows:** Frac with 61285# 20/40 sand in 360 bbls Lightning 17 fluid.
8-21-09	**3831-3898'**	**Frac GB4 & GB5 sands as follows:** Frac with 84734# 20/40 sand in 506 bbls Lightning 17 fluid.
9/30/09		Pump Change. Updated rod & tubing details.
11/30/2009		Pump Change. Updated rod and tubing detail.
05/01/10		Pump Change. Updated rod and tubing detail.
07/23/11		Pump Change. Rods & tubing updated.

PERFORATION RECORD

5569-5571'	3 JSPF	6 holes
5528-5534'	3 JSPF	18 holes
4775-4778'	3 JSPF	9 holes
4761-4766'	3 JSPF	15 holes
4746-4748'	3 JSPF	6 holes
4557-4567'	3 JSPF	30 holes
4382-4385'	3 JSPF	9 holes
4350-4354'	3 JSPF	12 holes
3893-3898'	3 JSPF	15 holes
3831-3835'	3 JSPF	12 holes

NEWFIELD

Federal 13-19-9-16
588' FSL & 758' FWL SWSW
Section 19-T9S-R16E
Duchesne Co, Utah
API # 43-013-33103; Lease # UTU-74391

TW 09/14/11

ATTACHMENT E-1

Federal 4-30-9-16

Spud Date: 8-15-10
Put on Production:9-23-10
GL:6068 ' KB:6080 '

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (335.81')
DEPTH LANDED: 349.66'
HOLE SIZE: 12-1/4"
CEMENT DATA: 180 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5942.38')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5958.38'
CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 92'

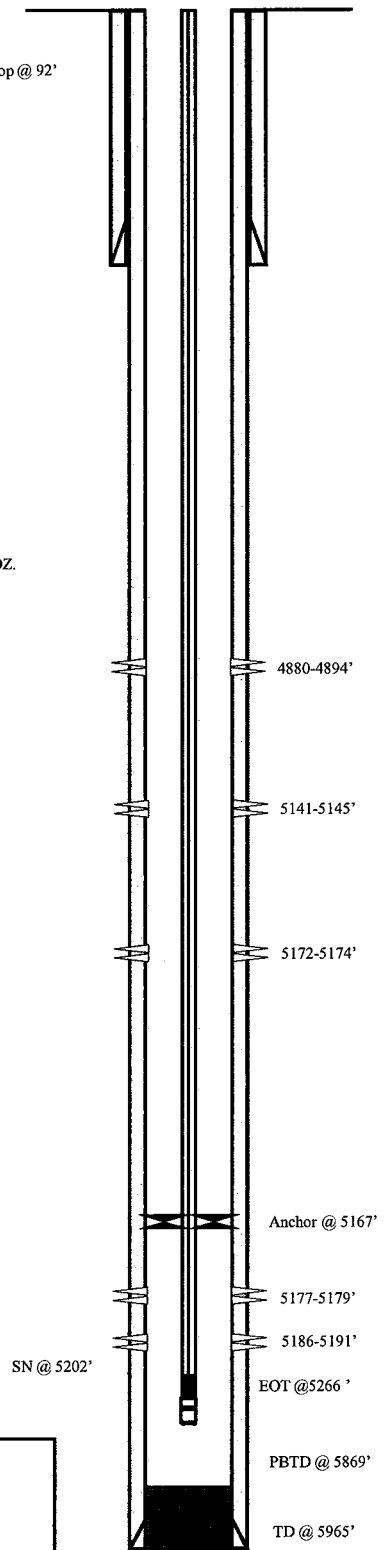
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165jts 5154.4')
TUBING ANCHOR: 5167.4'
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6738.3' KB
NO. OF JOINTS: 2jts (62.8')
TOTAL STRING LENGTH: EOT @5266 '

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 202-4 per guided rods, 4- 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 3/4' x 24' RHAC
STROKE LENGTH:144
PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

9-14-10 5141-5191' **Frac LODC sands as follows:**Frac with 46141# 20/40 sand in 292 bbls lightning17 fluid.

9-18-10 4880-4894' **Frac A1 sands as follows:**Frac with 63340# 20/40 sand in 420 bbls Lightning 17 fluid.

PERFORATION RECORD

5186-5191'	3 JSPF	15 holes
5177-5179'	3 JSPF	6 holes
5172-5174'	3 JSPF	6holes
5141-5145'	3 JSPF	12 holes
4880-4894'	3 JSPF	42 holes

NEWFIELD

Federal 4-30-9-16
769'FNL & 2034'FWL (NE/NW)
Section 30, T9S, R16
Duchesne Co, Utah
API # 43-013-33470; Lease # UTU-74391

MB-10-6-10

ATTACHMENT E-2

Federal 3-30-9-16

Spud Date: 5/16/2009
Put on Production: 7/1/2009
GL: 6067' KB: 6079'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (277')
DEPTH LANDED: 328' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

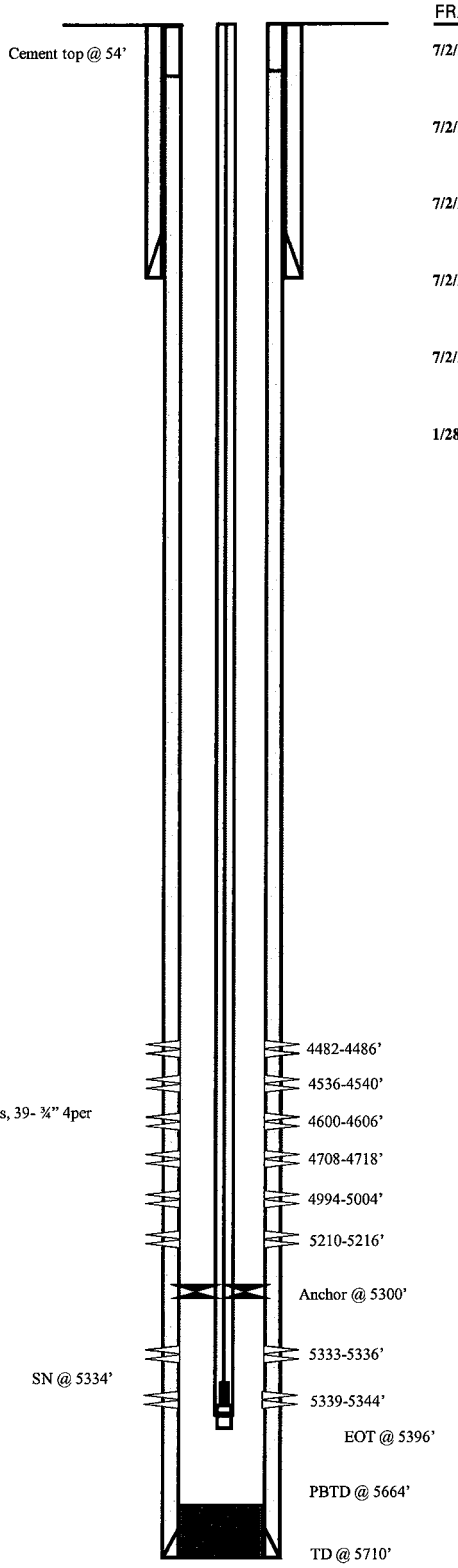
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts (5704 ')
DEPTH LANDED: 5704'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5288')
TUBING ANCHOR: 5300' KB
NO. OF JOINTS: 1 jt (30.3')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5333.3' KB
NO. OF JOINTS: 2 jts (61.6')
TOTAL STRING LENGTH: EOT @ 5396'

SUCKER RODS

POLISHED ROD: 1 ½" x 26'
SUCKER RODS: 100 - ¾" 4per guided rods, 68- ¾" sucker rods, 39- ¾" 4per guided rods, 6- 1 ½" weight bars.
PUMP SIZE: 2 ½" x 1 ½" x 16' x 20' RHAC
STROKE LENGTH: 120
PUMP SPEED, SPM: 4



FRAC JOB

7/2/2009 **5333-5344' Frac CP3 sands as follows:** 15,090#'s of 20/40 sand in 125 bbls of Lightning 17 fluid.

7/2/2009 **5210-5216' Frac CP1 sands as follows:** 15,050#'s of 20/40 sand in 122 bbls of Lightning 17 fluid.

7/2/2009 **4994-5004' Frac LODC sands as follows:** 40,814#'s of 20/40 sand in 263 bbls of Lightning 17 fluid.

7/2/2009 **4708-4718' Frac A1 sands as follows:** 55,392#'s of 20/40 sand in 348 bbls of Lightning 17 fluid.

7/2/2009 **4482-4606' Frac B2/B.5/C sands as follows:** 127,786#'s of 20/40 sand in 765 bbls of Lightning 17 fluid.

1/28/2012 Parted rods: Updated tubing & rod detail

PERFORATION RECORD

5339-5344'	3 JSPF	15 holes
5333-5336'	3 JSPF	9 holes
5210-5216'	3 JSPF	18 holes
4994-5004'	3 JSPF	30 holes
4708-4718'	3 JSPF	30 holes
4600-4606'	3 JSPF	18 holes
4536-4540'	3 JSPF	12 holes
4482-4486'	3 JSPF	12 holes

NEWFIELD

Federal 3-30-9-16

749' FNL & 2042' FWL NE/NW
Section 30-T9S-R16E
Duchesne Co, Utah
API # 43-013-33454; Lease # UTU-74391

LCN 9-16-09
Updated HC 2/6/12

ATTACHMENT E-3

Federal 2-30-9-16

Spud Date: 6/8/2009
Put on Production: 7/10/2009
GL: 6238' KB: 6250'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (269')
DEPTH LANDED: 317' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

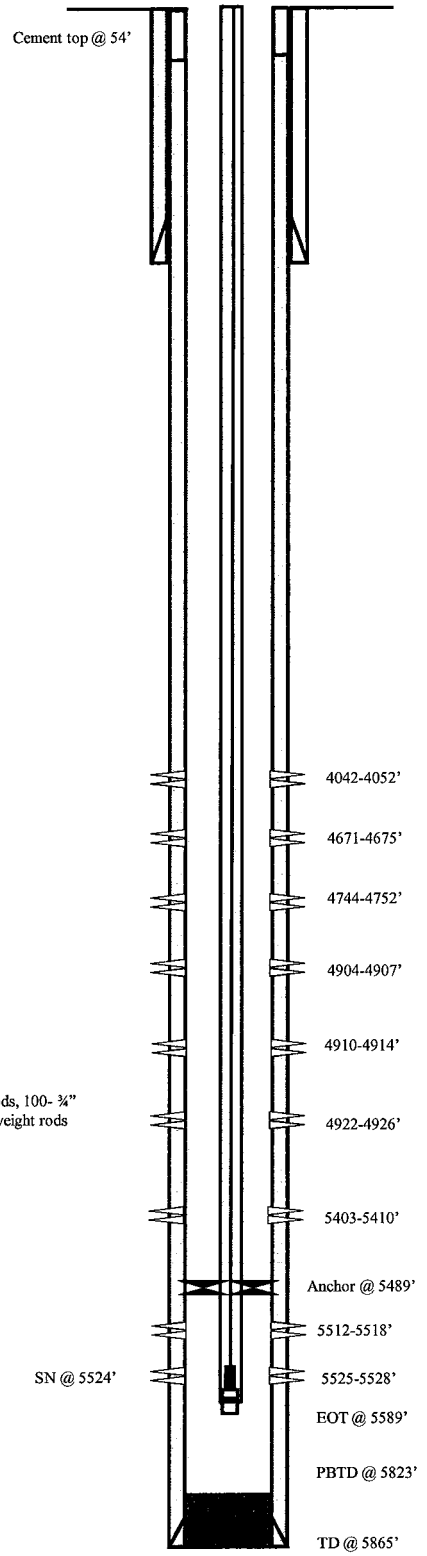
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts (5812')
DEPTH LANDED: 5862'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 174 jts (5477')
TUBING ANCHOR: 5489' KB
NO. OF JOINTS: 1 jt (31.5')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5524' KB
NO. OF JOINTS: 2 jts (63.3')
TOTAL STRING LENGTH: EOT @ 5589'

SUCKER RODS

POLISHED ROD: 1 ½" x 26' polished rod
SUCKER RODS: 1 – 2' x ¾", 1 – 4' x ¾", 1 – 6' x ¾" pony rods, 100- ¾" guided rods, 94 - ¾" sucker rods, 2- ¾" guided rods, 6 - 1 ½" weight rods
PUMP SIZE: 2 ½" x 1 ½" x 20' RHAC
STROKE LENGTH: 86
PUMP SPEED - SPM: 5



FRAC JOB

7/10/2009	5512-5528'	**Frac CP3 sands as follows:** 14,703#'s of 20/40 sand in 130 bbls of Lightning 17 fluid.
7/10/2009	5403-5410'	**Frac CP1 sands as follows:** 20,309#'s of 20/40 sand in 169 bbls of Lightning 17 fluid.
7/10/2009	4904-4926'	**Frac A1 sands as follows:** 25,710#'s of 20/40 sand in 209 bbls of Lightning 17 fluid.
7/10/2009	4671-4752'	**Frac B.5 & C sands as follows:** 125,658#'s of 20/40 sand in 758 bbls of Lightning 17 fluid.
7/10/2009	4042-4052'	**Frac GB6 sands as follows:** 106,827#'s of 20/40 sand in 651 bbls of Lightning 17 fluid.

PERFORATION RECORD

5525-5528'	3 JSPF	9 holes
5512-5518'	3 JSPF	18 holes
5403-5410'	3 JSPF	21 holes
4922-4926'	3 JSPF	12 holes
4910-4914'	3 JSPF	12 holes
4904-4907'	3 JSPF	9 holes
4744-4752'	3 JSPF	24 holes
4671-4675'	3 JSPF	12 holes
4042-4052'	3 JSPF	30 holes

NEWFIELD

Federal 2-30-9-16

517' FNL & 2110' FEL NW/NE

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33453; Lease # UTU-74391

LCN 09-14-09

ATTACHMENT E-4

FEDERAL 15-19-9-16

Spud Date: 10/29/07

Put on Production: 02/07/08

GL:6218' KB:6230'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.36')

DEPTH LANDED: 324.84' KB

HOLE SIZE:12-1/4"

CEMENT DATA:1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5854.09')

DEPTH LANDED: 5867.67' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

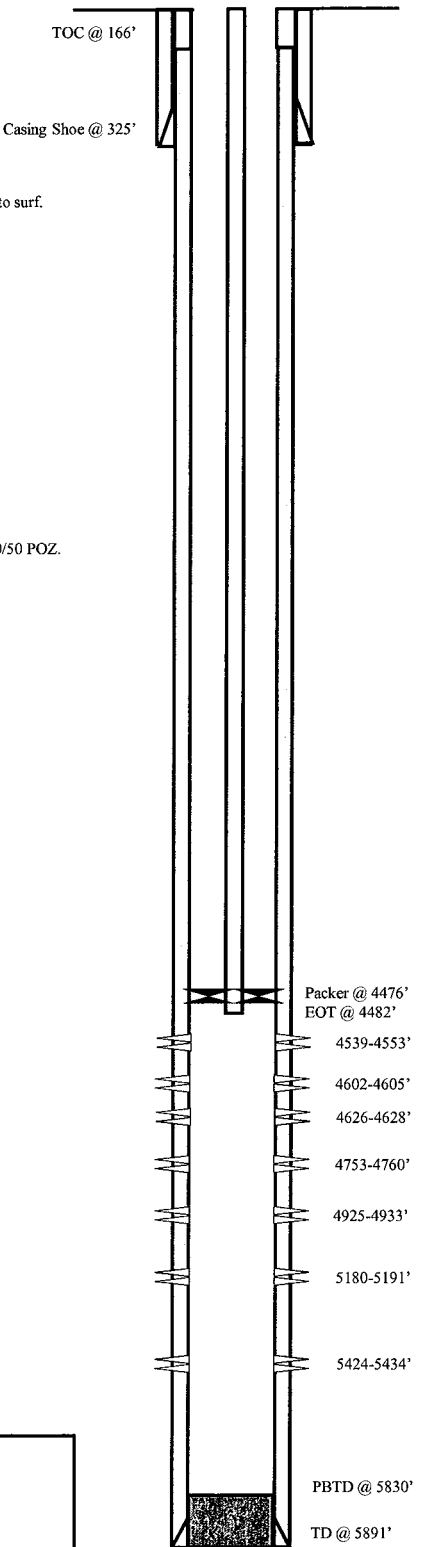
NO. OF JOINTS: 142 jts (4459.0')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4480.8' KB

CE @ 4475.61'

TOTAL STRING LENGTH: EOT @ 4482.' KB



FRAC JOB

02/01/08	5424-5434'	**Frac CP1 sands as follows:** 19731# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 15.2 BPM. ISIP 2009 psi.
02/01/08	5180-5191'	**Frac LODC sands as follows:** 29863# 20/40 sand in 404 bbl Lightning 17 frac fluid. Treated @ avg press of 2361 psi w/avg rate of 22.1 BPM. ISIP 2460 psi.
02/01/08	4925-4933'	**Frac A1 sands as follows:** 15194# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 21.6 BPM. ISIP 2237 psi.
02/01/08	4753-4760'	**Frac B.5 sands as follows:** 25716# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2072 psi w/avg rate of 22.0 BPM. ISIP 2020 psi.
02/01/08	4539-4553'	**Frac D1 sands as follows:** 46601# 20/40 sand in 439 bbls Lightning 17 frac fluid. Treated @ avg press of 1712 psi w/avg rate of 22.0 BPM. ISIP 1930 psi.
10/2/09		**Tubing Leak.** Updated rod &tubing detials.
06/28/11		**Parted Rods.** Rods & tubing updated.
05/29/12	4602-4626'	**Frac D3 & D2 sands as follows:** 18461# 20/40 sand in 292 bbls Lightning 17 frac fluid
05/30/12		**Convert to Injection Well**
06/01/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

	5424-5434'	4 JSPF	40 holes
	5180-5191'	4 JSPF	44 holes
	4925-4933'	4 JSPF	32 holes
	4753-4760'	4 JSPF	28 holes
	4539-4553'	4 JSPF	56 holes
5-29-12	4626-4628'	3 JSPF	6 holes
5-29-12	4602-4605'	3 JSPF	9 holes

NEWFIELD

FEDERAL 15-19-9-16

711' FSL & 1888' FEL

SW/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33162; Lease # UTU-74391

LCN 06/05/12

ATTACHMENT E-5

FEDERAL 14-19-9-16

Spud Date: 01/23/07
Put on Production: 02/27/07
GL: 6245' KB: 6257'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.59')
DEPTH LANDED: 322.44' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 2.25 bbls cmt to surf.

Cement Top @ 136'

PRODUCTION CASING

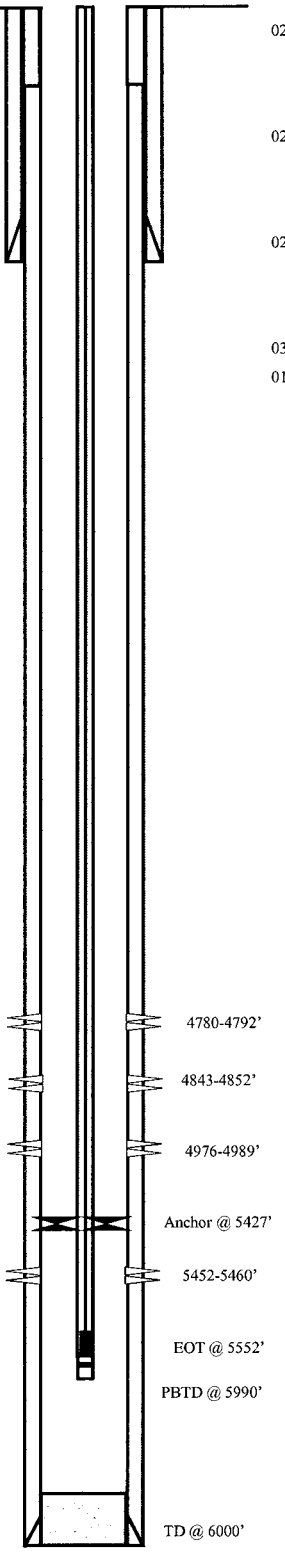
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5979.73')
DEPTH LANDED: 5992.98' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 136'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5415.22')
TUBING ANCHOR: 5427.' KB
NO. OF JOINTS: 2 jts (60.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5490' KB
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5552.' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
SUCKER RODS: 1-2' & 1- 6,' x 3/4" pony rods, 99-3/4" 4 per guided rods, 103-3/4" sucker rods, 10-3/4" 4 per guided rods, 6-1 ½" x sinker bars, 1-1"x 4' pony rod, 1-3/4" x 8' pony rod
PUMP SIZE: CDI 2-1/2" x 1-1/2"x12' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 4. SPM:



FRAC JOB

02/21/07	5452-5460'	**Frac CP1 sands as follows:** 34903# 20/40 sand in 471 bbls Lightning 17 frac fluid. Treated @ avg press of 2080 psi w/avg rate of 24.8 BPM. ISIP 1839 psi. Calc flush: 5450 gal. Actual flush: 4872 gal.
02/21/07	4976-4989'	**Frac A1 sands as follows:** 80502# 20/40 sand in 597 bbls Lightning 17 frac fluid. Treated @ avg press of 2245 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 4974 gal. Actual flush: 4536 gal.
02/22/07	4780-4852'	**Frac B1 & B2 sands as follows:** 159255# 20/40 sand in 1026 bbls Lightning17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 24.8 BPM. ISIP 1790 psi. Calc flush: 4778 gal. Actual flush: 4662 gal.
03-29-07	Pump Change	Rod & Tubing details updated.
01/28/11		Parted Rods. Rod & tubing updated.

PERFORATION RECORD

02/16/07	5452-5460'	4 JSPF	32 holes
02/21/07	4976-4989'	4 JSPF	52 holes
02/21/07	4843-4852'	4 JSPF	36 holes
02/21/07	4780-4792'	4 JSPF	48 holes

NEWFIELD

FEDERAL 14-19-9-16

452'FSL & 2258' FWL
SE/SW Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33161; Lease # UTU-74391

TW 05/11/2011

ATTACHMENT E-6

Spud Date: 9/27/2007
Put on Production: 1/9/2008
GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (311.69')
DEPTH LANDED: 321.69'
HOLE SIZE: 12-¼'
CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152jts (5894.79')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5883.99'
CEMENT DATA: 300sxs of Primlite II & 400sxs of 50/50 poz
CEMENT TOP AT: 127' per CBL 12/5/07

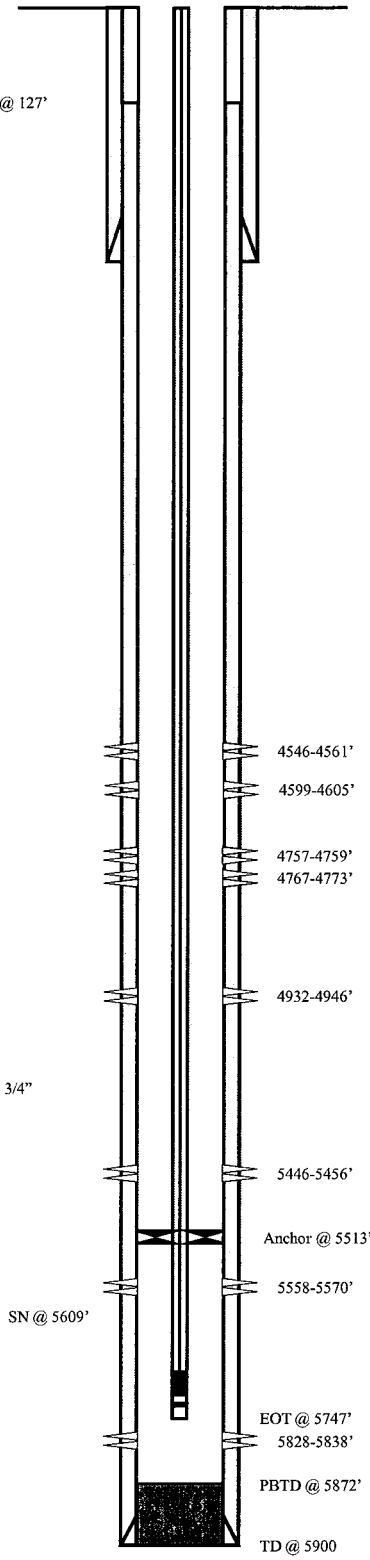
TUBING (KS 11/29/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169jts (5501.0')
TUBING ANCHOR: 5513.0'
NO. OF JOINTS: 3jts (93.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5609.6'
NO. OF JOINTS: 1jt (32.7')
GAS ANCHOR: 5-1/2" (5.2')
NIPPLE: 2-7/8" (0.6')
NO. OF JOINTS: 3jts (97.6')
BULL PLUG: 2-7/8" (0.4')
TOTAL STRING LENGTH: EOT @ 5747'

SUCKER RODS (KS 11/29/12)

POLISHED ROD: 26' x 1-1/2"
SUCKER RODS: 4', 8' x ¾" Pony Rods, 99 x 3/4" Guided Rods, 91 x 3/4" Sucker Rods, 27 x 3/4" Guided Rods, 6 x 1-½" Sinker Bars
PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24' RHAC
STROKE LENGTH: 103"
PUMP SPEED, SPM: 5.0
PUMPING UNIT: DARCO C-320-256-120

Wellbore Diagram



FRAC JOB

12/14/07 5828'-5838'	**Frac BS sds** w/ 37,662#'s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi.Calc Flush: ? Actual flush: 5321 gals.
12/14/07 5558'-5570'	**Frac CP3 sds** w/ 39,505#'s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi.Calc flush: Actual Flush: 5048 gals.
12/14/07 5446'-5456'	**Frac CP1 sds** w/ 50,243#'s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush:? Actual Flush: 4855 gals.
12/14/07 4546'-4561'	**Frac D1 & D2 sds** w/ 73,020#'s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi Calc flush: ? Actual Flush: 4460 gals.
10-1-08	Pump Change updated rod & tubing details.
10-01-10	Recompletion
9-28-10 4932-4561	Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.
9-28-10 4767-4773	Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid

PERFORATION RECORD

12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
9/28/10	4932-4946'	4JSPF	42 holes
9/28/10	4767-4773'	4JSPF	18holes
9/28/10	4757-4759'	4JSPF	6 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes

NEWFIELD

Federal 10-19-9-16
1890' FSL & 2146' FEL
NW/SE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33159; Lease #UTU-74391

KS 1/30/13

ATTACHMENT E-7

Federal 11-19-9-16

Spud Date: 10-09-07
Put on Production: 1-8-08
GL: 6199' KB: 6211'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.34')
DEPTH LANDED: 320.34'
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

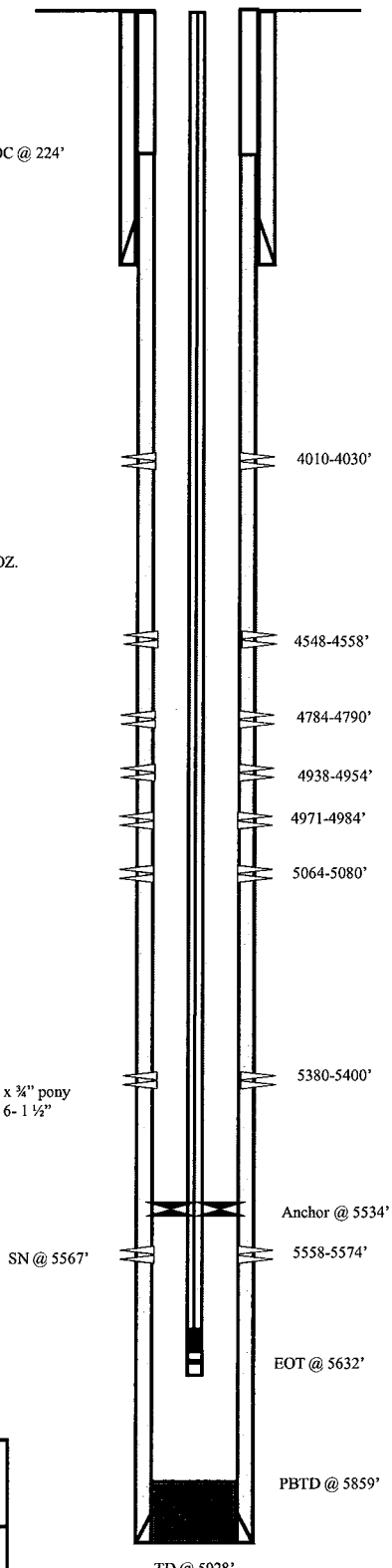
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152jts. (5907.45')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5905.45'
CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 224' per CBL 12/14/07

TUBING (GI 12/15/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (5521.9)
TUBING ANCHOR: 5533.9'
NO. OF JOINTS: 1 jts (30.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5566.8'
NO. OF JOINTS: 2 jts (62.70')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5632'

SUCKER RODS (GI 12/15/11)

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2' x ¾" pony rods , 1-4' x ¾" pony rods, 1-6' x ¾" pony rods ,87- ¾" guided rods, 89- ¾" sucker rods, 38- ¾" guided rods, 6- 1 ½" weight rods.
PUMP SIZE: 2-½" x 1-½" x 16' x 20 RHAC Pump
STROKE LENGTH: 102"
PUMP SPEED, SPM:5
PUMPING UNIT: DARCO C-320-256-120



FRAC JOB

12-26-07	5558-5574'	**Frac CP2 sands as follows:** Frac with 59775# 20/40 sand in 533bbls Lightning 17 fluid. Treat at 1825 psi @ 23 BPM. ISIP 2111 psi.
12-26-07	5380-5400'	**Frac LODC sands as follows:** Frac with 59263# 20/40 sand in 528 bbls Lightning 17 fluid. Treat at 2001psi @ 23.1 BPM. ISIP 2364psi.
12-27-7	5064-5080'	**Frac LODC sands as follows:** Frac with 75331# 20/40 sand in 618 bbls Lightning 17 fluid. Treat at 2507 psi @ 29.1 BPM. ISIP 2905 psi.
12-27-07	4938-4984'	**Frac A3 &A1 sand as follows:** Frac with 110221# 20/40 sand in 881 bbls Lightning 17 fluid. Treat at 1743 psi @ 23 BPM. ISIP 2079 psi.
12-27-07	4784-4790'	**Frac B.5 sands as follows:** Frac with20091# 20/40 sand in 301 bbls Lightning 17 fluid. Treat at 2034 psi @ 23 BPM. ISIP 2027 psi.
12-27-07	4548-4558'	**Frac D1 sands as follows:** Frac with 50552# 20/40 sand in 442 bbls Lightning 17 fluid. Treat at 1639 psi @ 23.1 BPM. ISIP 2088 psi.
12-27-07	4010-4030'	**Frac GB4 sands as follows:** Frac with 44039# 20/40 sand in 416 bbls Lightning 17 fluid. Treat at 1391 psi @ 23 BPM. ISIP 1434 psi.
9-16-08		Parted rod. Updated rod & tubing details.
6/15/09		Tubing Leak. Updated r & t details.

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes

NEWFIELD

Federal 11-19-9-16
1778' FSL & 2197' FWL
NESW Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33160; Lease #UTU-74391

GI 3/27/12

ATTACHMENT E-8

FEDERAL 12-19-9-16

Spud Date: 05/04/07
Put on Production: 03/28/07

GL: 6024' KB: 6036'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.23')
DEPTH LANDED: 324.08' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

Cement Top @ surface

PRODUCTION CASING

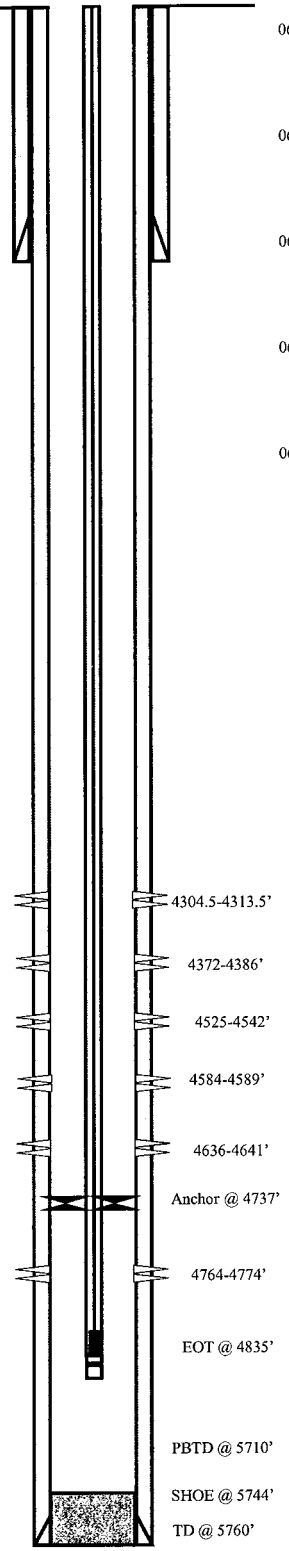
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5741.84')
DEPTH LANDED: 5744.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4724.60')
TUBING ANCHOR: 4736.60' KB
NO. OF JOINTS: 1 jts (31.37')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4770.77' KB
NO. OF JOINTS: 2 jts (63.07')
TOTAL STRING LENGTH: EOT @ 4835.39' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS:1-6' & 1- 8' x 3/4" pony rods, 99-3/4" guided rods, 75-3/4" plain rods, 10-3/4" guided rods, 6-1 ½" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20'RHAC
STROKE LENGTH: 102"
PUMP SPEED, 5 SPM:



FRAC JOB

06/06/07 4764-4774' **Frac A1 sands as follows:** 49572# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.7 BPM. ISIP 2446 psi. Calc flush: 4762 gal. Actual flush: 4301 gal.

06/06/07 4636-4584' **Frac B2 & B1 sands as follows:** 14528# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 24.7 BPM. ISIP 1790 psi. Calc flush: 4634 gal. Actual flush: 4141 gal.

06/06/07 4525-4542' **Frac C sands as follows:** 99094# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 24.7 BPM. ISIP 2342 psi. Calc flush: 4523 gal. Actual flush: 4040 gal.

06/06/07 4372-4386' **Frac D1 sands as follows:** 93828# 20/40 sand in 683 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 4370 gal. Actual flush: 3919 gal

06/06/07 4304.5-4313.5' **Frac DS3 sands as follows:** 17586# 20/40 sand in 243 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.7 BPM. ISIP 2607 psi. Calc flush: 4302.5 gal. Actual flush: 4242 gal

PERFORATION RECORD

06/06/07	4764-4774'	4 JSPF	40 holes
06/06/07	4636-4641'	4 JSPF	20 holes
06/06/07	4584-4589'	4 JSPF	20 holes
06/06/07	4525-4542'	4 JSPF	68 holes
06/06/07	4372-4386'	4 JSPF	56 holes
06/06/07	4304.5-4313.5'	4 JSPF	36 holes

NEWFIELD

FEDERAL 12-19-9-16

1903'FSL & 791' FWL

NWSW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33102; Lease # UTU-74391

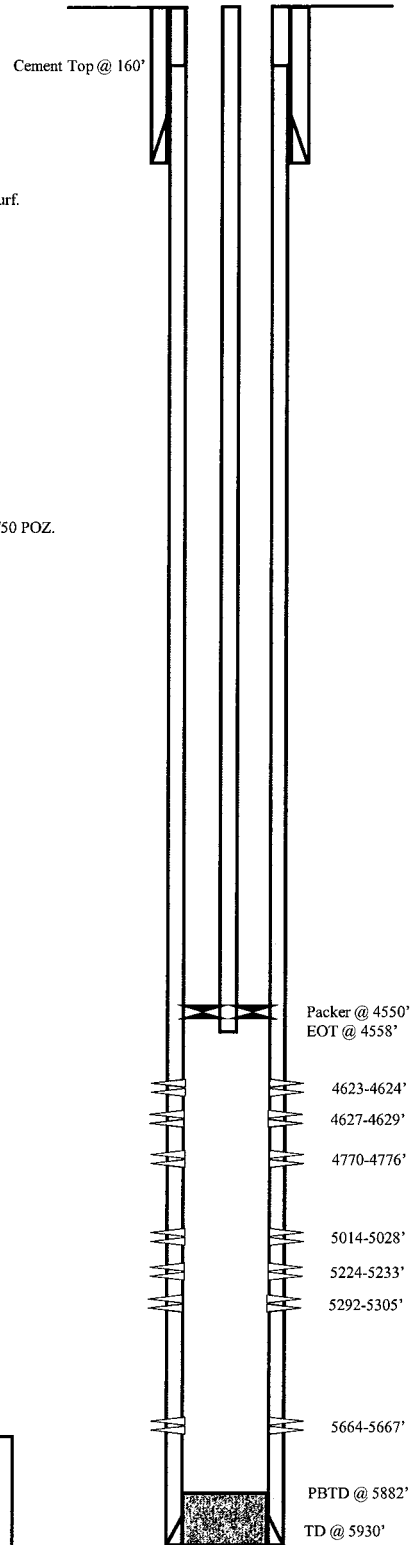
TW 04/18/07

ATTACHMENT E-9

FEDERAL 5-19-9-16

Spud Date: 08/29/07
Put on Production: 10/08/07
GL: 6182' KB: 6194'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.00')
DEPTH LANDED: 312.85' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (5914.34')
DEPTH LANDED: 5927.59' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 147 jts (4532.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4544.2' KB
RETRIEVING HEAD 4-1/2" N-80 AT: 4545.3'
PACKER CE AT: 4550.4' w/ 1.875 profile X-nipple
TBG PUP 2-3/8" J-55 AT: 4554.1'
TOTAL STRING LENGTH: EOT @ 4558' KB

FRAC JOB

10/02/07	5292-5305'	**Frac LODC sands as follows:** 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal.
10/02/07	5224-5233'	**Frac LODC sands as follows:** 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.
10/04/07	5014-5028'	**Frac A3 sands as follows:** 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal.
10/05/07	4770-4776'	**Frac C sands as follows:** 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal.
10/21/09		**Pump Change**. Updated rod & tubing details.
7/14/2011		**Tubing Leak.** Updated rod & tubing details.
08/30/12	5664-5667'	**Frac CP4 sands as follows:** 18147# 20/40 sand in 229 bbls Lightning 17 frac fluid.
08/30/12	4623-4629'	**Frac D1 sands as follows:** 16342# 20/40 sand in 236 bbls Lightning 17 frac fluid.
08/31/12		**Convert to Injection Well**
09/05/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPF	52 holes
10/02/07	5224-5233'	4 JSPF	36 holes
10/02/07	5014-5028'	4 JSPF	56 holes
10/04/07	4770-4776'	4 JSPF	24 holes
08/28/12	5664-5667'	3 JSPF	9 holes
08/28/12	4627-4629'	3 JSPF	6 holes
08/28/12	4623-4624'	3 JSPF	3 holes

NEWFIELD

FEDERAL 5-19-9-16
1785'FNL & 544' FWL
SW/NW Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33174; Lease # UTU-64379

LCN 09/06/12

ATTACHMENT E-10

Ashley Federal 10-24R-9-15

Formerly Castle Peak Unit #1

Injection Wellbore Diagram

Recompletion Date: 9/24/96

GL: 6259.7' KB: 6268'

Put on Production: 10/15/96

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

SURFACE CASING

CSG SIZE: 13-3/8"

GRADE: ?

WEIGHT:48#

LENGTH: ? jts.

DEPTH LANDED: 210'

HOLE SIZE:17-1/4"

CEMENT DATA: 300 sx

PRODUCTION CASING

CSG SIZE: 7"

GRADE:J-55

WEIGHT: 23#

LENGTH: ?

DEPTH LANDED: 5020'

HOLE SIZE: ?

CEMENT DATA: 500 sx cement with 1% flac added

CEMENT TOP AT: 3525' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

15k TENSION (1.2) @ 10.0"

TBG (31.2) @ 11.2'

TBG PUP 2-7/8 J-55 AT: 42.4'

NO. OF JOINTS: 124 jts (3851.4')

ON/OFF TOOL AT: 3916.8'

ARROW #1 PACKER CE AT: 3922'

TBG 2 jts (59.9) @ 3925.9'

XO 2-3/8 x 2-7/8 J-55 AT: 3985.8'

SEATING NIPPLE: 2-3/8" (1.10')

SN LANDED AT: 3986.3' KB

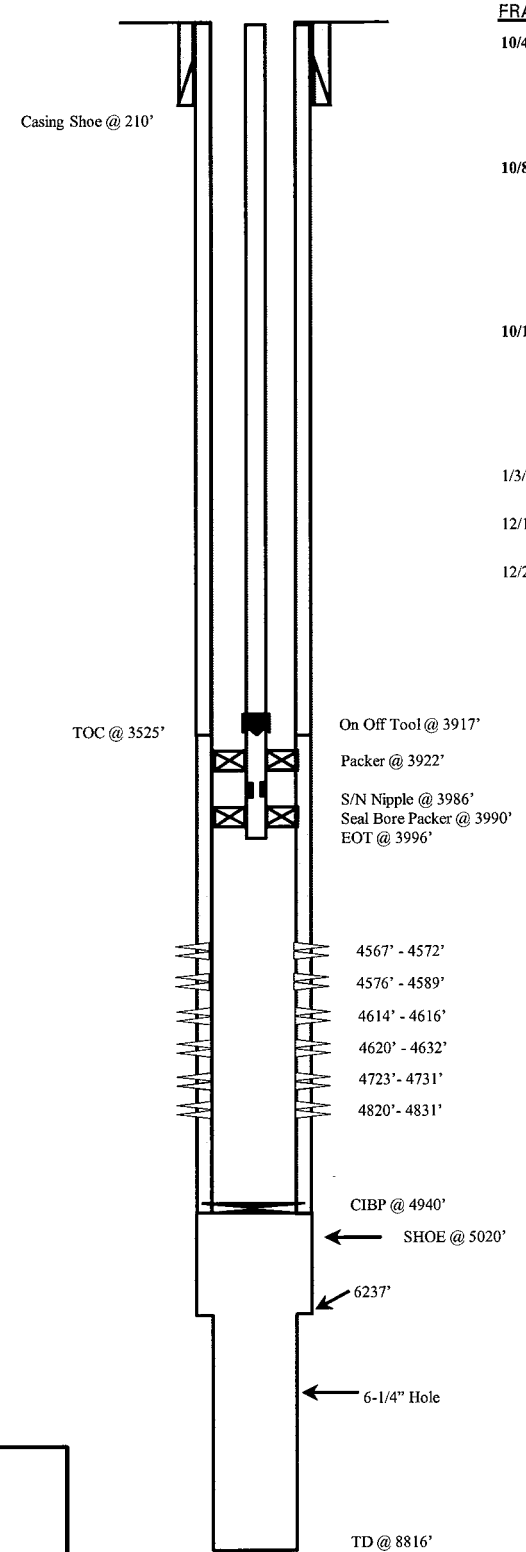
XO 2-3/8 J-55 AT: 3987.4'

XO 2-7/8 J-55 AT: 3987.9'

TBG PUP 2-3/8 J-55 AT: 3988.4'

SEAL BORE PACKER AT: 3988.4'

TOTAL STRING LENGTH: EOT @ 3995.5'



FRAC JOB

10/4/96	**4820'-4831'**	**Frac B-2 sand as follows:** 34,000# of 20/40 sand in 210 bbls of Boragel. @ 18 bpm. Well screened out w/6# on formation. Est. 26,800# in formation & 7200# left ion tbg. Flowed well back until died.
10/8/96	**4723'-4731'**	**Frac C sand as follows:** Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and died.
10/11/96	**4567'-4632'**	**Frac D-1 and D-2 sands as follows:** 77,700# of20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. Flowback on 12/64" ck for 10 min and died.
1/3/03		**Tubing Leak.** Update tubing and rod detail.
12/19/12		**Convert to Injection Well** – Straddle Packer installed
12/20/12		**Conversion MIT Finalized -** update tbg detail

PERFORATION RECORD

10/2/96	4820'-4831'	4 JSPF	44 holes
10/5/96	4723'-4731'	4 JSPF	32 holes
10/9/96	4567'-4572'	4 JSPF	20 holes
10/9/96	4576'-4589'	4 JSPF	52 holes
10/9/96	4614'-4616'	4 JSPF	8 holes
10/9/96	4620'-4632'	4 JSPF	48 holes

NEWFIELD

Ashley Federal 10-24R-9-15
1840 FSL 2000 FEL
NWSE Section 24-T9S-R15E
Duchesne Co, Utah
API #43-013-15781; Lease #U-02458

LCN 01/04/13

ATTACHMENT E-11

Ashley Federal 8-24-9-15

Spud Date: 7-5-06
Put on Production: 9-1-06
GL: 6201' KB: 6213'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.21')
DEPTH LANDED: 321.06' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

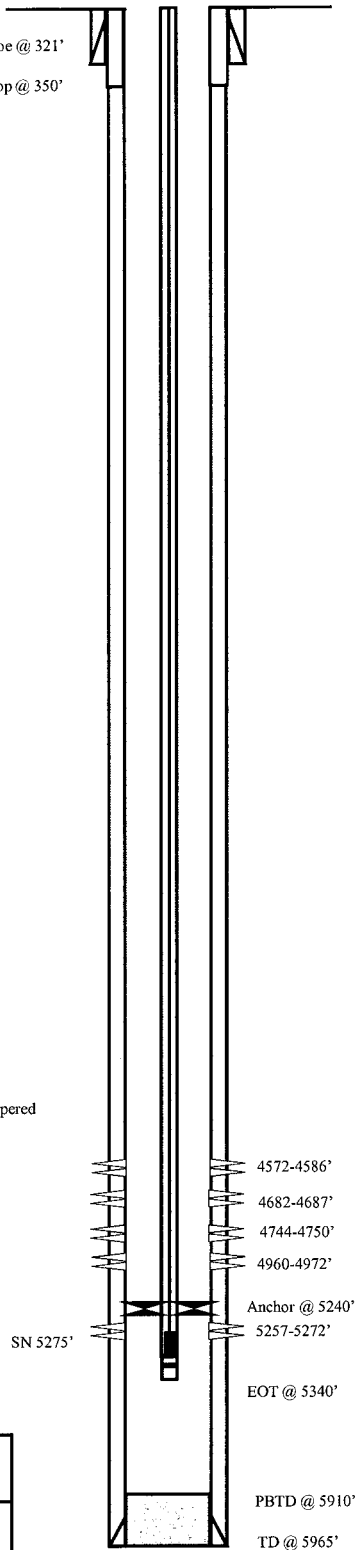
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5918.43')
DEPTH LANDED: 5931.68' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 350'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5559.84')
TUBING ANCHOR: 5239.99' KB
NO. OF JOINTS: 1 jts (31.74')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5274.53' KB
NO. OF JOINTS: 2 jts (63.37')
TOTAL STRING LENGTH: EOT @ 5339.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8', 1-6', 2-4', & 1-2' X ¾" pony rods, 99- ¾" scrapered rods, 94- ¾" plain rods, 10-3/4" scrapered rods, 6-1 ½" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

08-29-06 5257-5272' **Frac LODC sands as follows:** 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc flush: 5255 gal. Actual flush: 4746 gal.

08-29-06 4960-4972' **Frac A1 sands as follows:** 70637# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal. Actual flush: 4444 gal.

08-29-06 4682-4750' **Frac C, & D3 sands as follows:** 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal.

08-29-06 4572-4586' **Frac D1 sands as follows:** 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4570 gal. Actual flush: 4440 gal.

PERFORATION RECORD

08-16-06	5257-5272'	4 JSPF	60 holes
08-29-06	4960-4972'	4 JSPF	48 holes
08-29-06	4744-4750'	4 JSPF	24 holes
08-29-06	4682-4687'	4 JSPF	20 holes
08-29-06	4572-4586'	4 JSPF	56 holes

NEWFIELD

Ashley Federal 8-24-9-15

2130' FNL & 584' FEL
SE/NE Section 24-T9S-R15E
Duchesne Co, Utah
API # 43-013-32818; Lease # UTU-02458

TR 10-10-2006

ATTACHMENT E-12

Ashley Federal 9-24-9-15

Spud Date: 7-7-06
Put on Production: 8-30-06
GL: 6242' KB: 6254'

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.97')
DEPTH LANDED: 314.77' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

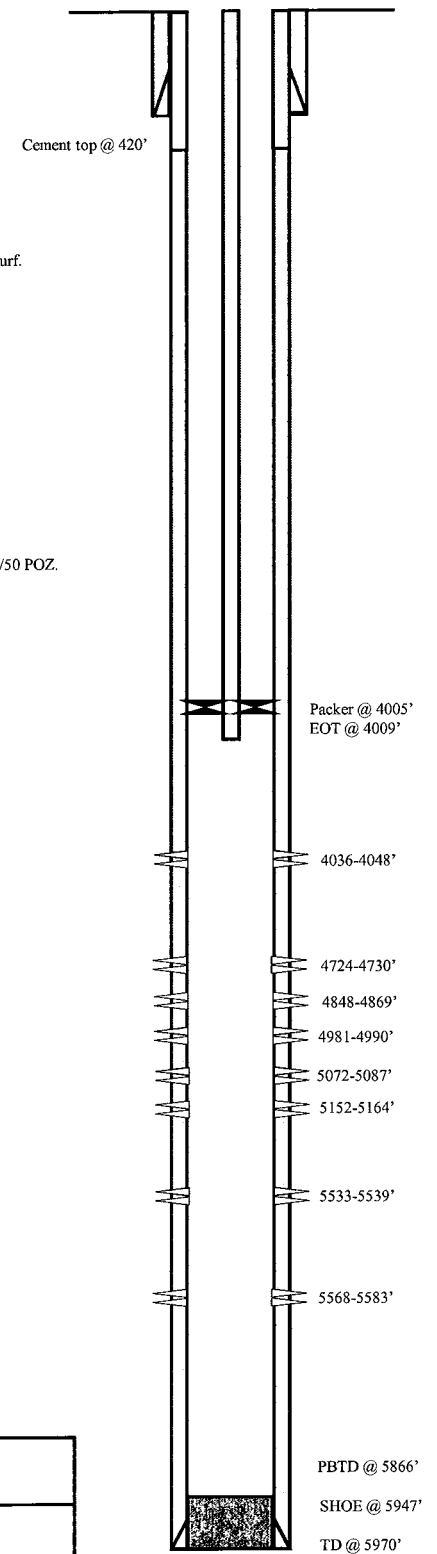
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5933.97')
DEPTH LANDED: 5947.22' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 420'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 126 jts (3988.71')
SN LANDED AT: 4000.71' KB
TOTAL STRING LENGTH: EOT @ 4009.11' KB

Injection Wellbore Diagram



FRAC JOB

08-22-06	5533-5583'	**Frac CP1, & CP3 sands as follows:** 49445# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 1798 psi w/avg rate of 25.1 BPM. ISIP 1800 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
08-22-06	5152-5164'	**Frac LODC sands as follows:** 33453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2733 psi w/avg rate of 24.9 BPM. ISIP 2600 psi. Calc flush: 5150 gal. Actual flush: 4704 gal.
08-24-06	5072-5087'	**Frac LODC sands as follows:** 33580# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 2730 psi w/avg rate of 24.9 BPM. ISIP 3000 psi. Calc flush: 5070 gal. Actual flush: 4620 gal.
08-24-06	4981-4990'	**Frac A1 sands as follows:** 29436# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 w/ avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4979 gal. Actual flush: 4536 gal.
08-25-06	4848-4869'	**Frac B2 sands as follows:** 120080# 20/40 sand in 824 bbls Lightning 17 frac fluid. Treated @ avg press of 2010 w/ avg rate of 25.1 BPM. ISIP 2450 psi. Calc flush: 4846 gal. Actual flush: 4368 gal.
08-25-06	4036-4730'	**Frac C, GB4 sands as follows:** 49591# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1936 w/ avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 4034 gal. Actual flush: 3906 gal.
10/27/06		Pump Change. Update rod and tubing details.
9/29/08		**Well converted to an Injection Well.**
10/13/08		**MIT completed and submitted.**

PERFORATION RECORD

08-11-06	5568-5583'	4 JSPF	60 holes
08-11-06	5533-5539'	4 JSPF	24 holes
08-22-06	5152-5164'	4 JSPF	48 holes
08-22-06	5072-5087'	4 JSPF	60 holes
08-24-06	4981-4990'	4 JSPF	36 holes
08-25-06	4848-4869'	4 JSPF	84 holes
08-25-06	4724-4730'	4 JSPF	24 holes
08-25-06	4036-4048'	4 JSPF	48 holes

NEWFIELD

Ashley Federal 9-24-9-15

2009' FSL & 755' FEL
NE/SE Section 24-T9S-R15E
Duchesne Co, Utah
API # 43-013-32819; Lease # UTU-02458

CR 10/13/08

ATTACHMENT E-13

ASHLEY FEDERAL 16-24-9-15

Spud Date: 09/02/06
Put on Production: 10/24/06
GL: 6080' KB: 6092'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.45')
DEPTH LANDED: 323.30' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

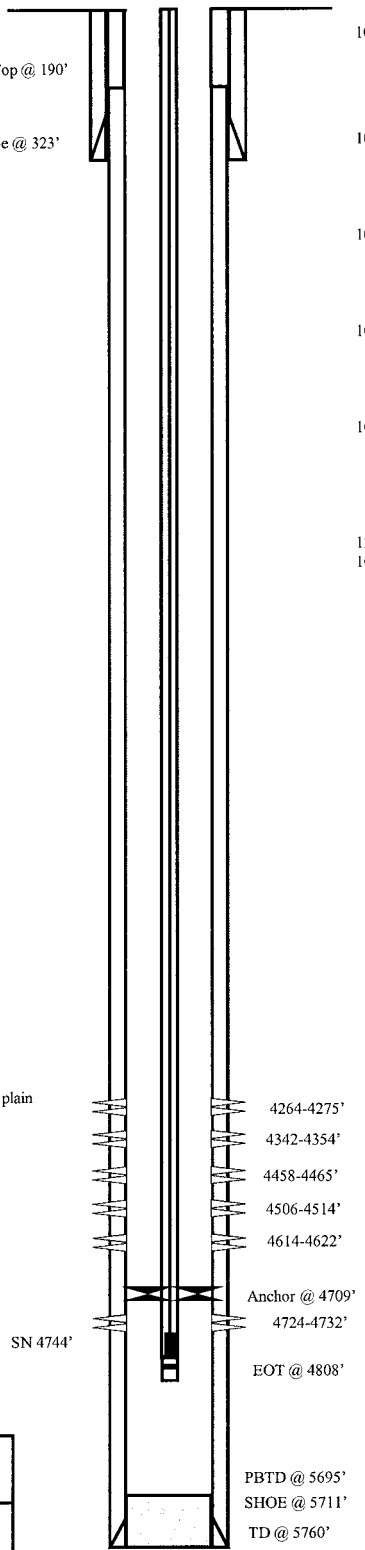
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 130 jts. (5697.47')
DEPTH LANDED: 5710.72' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 149 jts (4697.17')
TUBING ANCHOR: 4709.17' KB
NO. OF JOINTS: 1 jts (31.53')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4743.50' KB
NO. OF JOINTS: 2 jts (62.99')
TOTAL STRING LENGTH: EOT @ 4808.04' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' x ¾" pony rod, 100-3/4" scrapered rods, 73-3/4" plain rods, 10-3/4" scrapered rods, 6-1 ½" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15 1/2' RHBC
STROKE LENGTH: 84"
PUMP SPEED, 5 SPM:



FRAC JOB

10/17/06	4724-4732'	**Frac A1 sands as follows:** 34968# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi w/avg rate of 25 BPM. ISIP 2800 psi. Calc flush: 4722 gal. Actual flush: 4662 gal.
10/17/06	4614-4622'	**Frac B2 sands as follows:** 34408# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4612 gal. Actual flush: 4116 gal.
10/17/06	4506-4514'	**Frac D3 sands as follows:** 69835# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4504 gal. Actual flush: 3990 gal.
10/17/06	4342-4354'	**Frac D1 sands as follows:** 79810# 20/40 sand in 578 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25 BPM. ISIP 2300 psi. Calc flush: 4340 gal. Actual flush: 3864 gal.
10/17/06	4264-4275'	**Frac DS2 sands as follows:** 48615# 20/40 sand in 403 bbls Lightning17 frac fluid. Treated @ avg press of 2460 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 4262 gal. Actual flush: 4158 gal.
12-13-07		Pump Change. Updated rod & tubing details.
10/23/08		Tubing Leak. Updated rod &tubing details.

PERFORATION RECORD

10/03/06	4724-4732'	4 JSPF	32 holes
10/17/06	4614-4622'	4 JSPF	32 holes
10/17/06	4506-4514'	4 JSPF	32 holes
10/17/06	4458-4465'	4 JSPF	28 holes
10/17/06	4342-4354'	4 JSPF	48 holes
10/17/06	4264-4275'	4 JSPF	44 holes

NEWFIELD

ASHLEY FEDERAL 16-24-9-15

590'FSL & 799' FEL

SE/SE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32944; Lease #UTU-02458

DF 2/25/09

ATTACHMENT E-14

Ashley Federal 15-24-9-15

Spud Date: 09/06/06
Put on Production: 5873
K.B.: 6499, G.L.: 6487

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.30')
DEPTH LANDED: 313.15' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

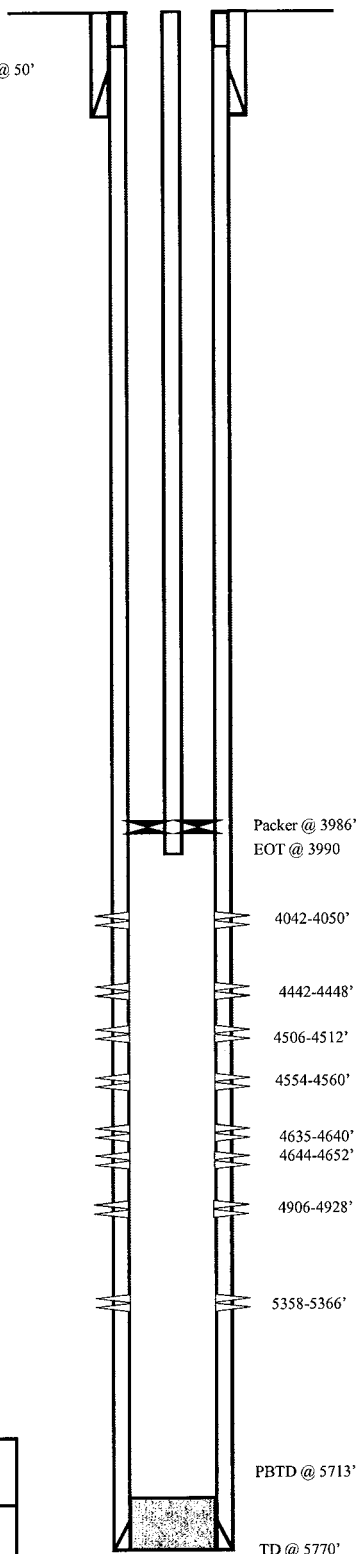
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5746.20')
DEPTH LANDED: 5759.45' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 125 jts (3969.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3981.9' KB
CE @ 3986.3
TOTAL STRING LENGTH: EOT @ 3990' KB

Injection Wellbore Diagram



FRAC JOB

10/19/06	5358-5366'	**Frac CP2, sands as follows:** 34064# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2125 psi. Calc flush: 5364 gal. Actual flush: 4830 gal.
10/19/06	54906-4928'	**Frac LODC sands as follows:** 39301# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2710 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 4926 gal. Actual flush: 4397 gal.
10/19/06	4635-4652'	**Frac B2 sands as follows:** 65465# 20/40 sand in 507bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2310 psi. Calc flush: 4650 gal. Actual flush 4171 gal.
10/20/06	4442-4560'	**Frac B.5, C, D3 sands as follows:** 79846# 20/40 sand in 584 bbls Lightning 17 frac fluid. Treated @ avg press of 2164 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4558 gal. Actual flush: 3936 gal.
10/20/06	4042-4050'	**Frac PB8 sands as follows:** 20405# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2057psi w/avg rate of 14.4 BPM. ISIP1950psi. Calc flush: 4048 gal. Actual flush:3948gal.
11-6-07		**Pump Change.** Updated rod & tubing details.
08-24-10		**Convert to Injection well**
08-30-10		**MIT Completed** – tbg detail updated

PERFORATION RECORD

10/13/06	5358-5366'	4 JSPF	32 holes
10/19/06	4906-4928'	4 JSPF	88 holes
10/19/06	4644-4652'	4 JSPF	32 holes
10/19/06	4635-4640'	4 JSPF	20 holes
10/19/06	4554-4560'	4 JSPF	24 holes
10/19/06	4506-4512'	4 JSPF	24 holes
10/19/06	4442-4448'	4 JSPF	24 holes
10/20/06	4042-4050'	4 JSPF	24 holes

NEWFIELD

Ashley Federal 15-24-9-15

358' FSL & 1810' FEL

SW/SE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32943; Lease #UTU-02458

LCN 09-02-10

ATTACHMENT F

1 of 5

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem
A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After Filter**
Sample Date: **12/4/2012**
Sample ID: **WA-229142**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	12/5/2012
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	0.999
pH:	6.80
Calculated TDS (mg/L):	2304.49
CO2 in Gas (%):	
Dissolved CO_2 (mg/L):	15.00
H_2S in Gas (%):	
H2S in Water (mg/L):	2.50

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	734.93	Chloride (Cl):	1000.00
Potassium (K):	11.00	Sulfate (SO_4):	120.00
Magnesium (Mg):	26.00	Bicarbonate (HCO_3):	366.00
Calcium (Ca):	46.20	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	0.17	Propionic Acid (C_2H_5COO)	
Iron (Fe):	0.13	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.02	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.04	Silica (SiO_2):	

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

ATTACHMENT F

2 of 5

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

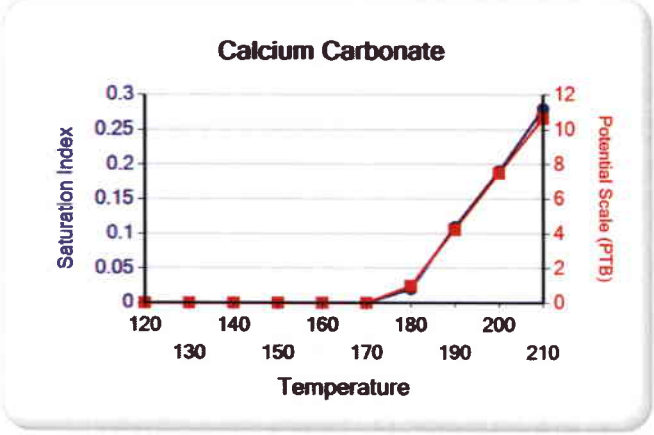
multi-chem
A HALLIBURTON SERVICE

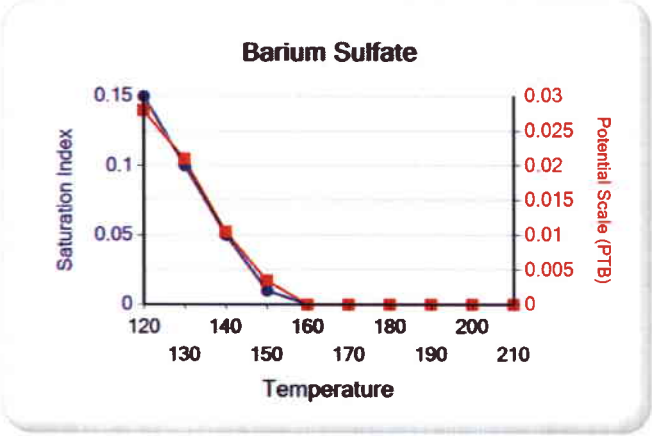
Water Analysis Report

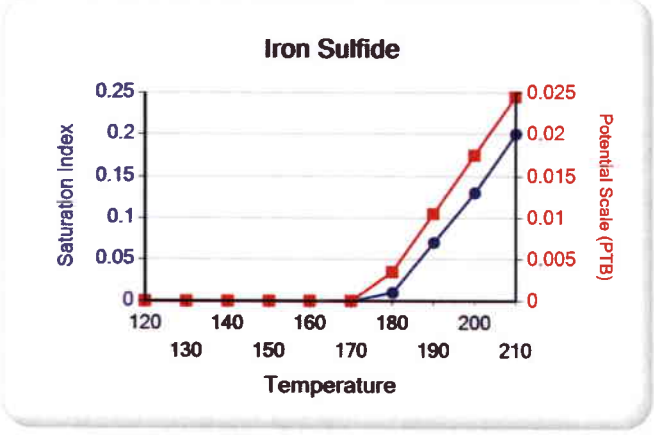
		Hemihydrate CaSO4*0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

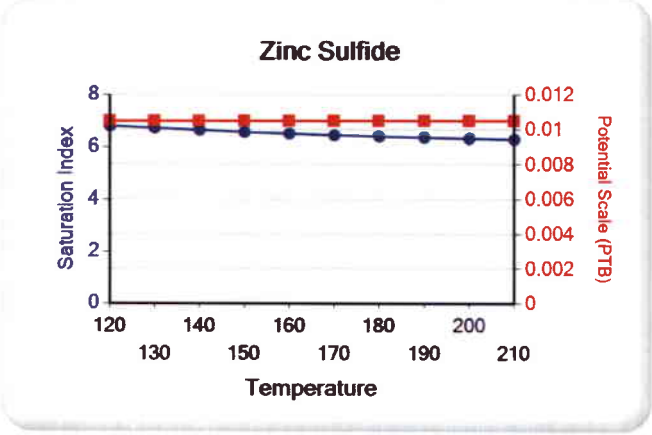
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide









Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
3 of 5

multi-chem
A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 13-19-9-16**
Sample Point: **Treater**
Sample Date: **4/30/2013**
Sample ID: **WA-242498**

Sales Rep: **Michael McBride**
Lab Tech: **John Keel**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	5/20/2013
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	1.016
pH:	9.50
Calculated TDS (mg/L):	27217.71
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	0.00
H_2S in Gas (%):	
H2S in Water (mg/L):	25.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	10135.51	Chloride (Cl):	14000.00
Potassium (K):	63.45	Sulfate (SO_4):	47.00
Magnesium (Mg):	4.24	Bicarbonate (HCO_3):	2928.00
Calcium (Ca):	9.80	Carbonate (CO_3):	
Strontium (Sr):	1.43	Acetic Acid (CH_3COO)	
Barium (Ba):	0.63	Propionic Acid (C_2H_5COO)	
Iron (Fe):	12.95	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.09	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.42	Silica (SiO_2):	14.19

Notes:
Al=0

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.95	8.48	0.00	0.00	5.00	7.15	3.94	9.41	0.00	0.00	0.00	0.00	0.00	0.00	9.65	0.05
200.00	60.00	1.91	8.47	0.00	0.00	5.00	7.15	3.91	9.41	0.00	0.00	0.00	0.00	0.00	0.00	9.75	0.05
190.00	60.00	1.87	8.46	0.00	0.00	5.01	7.15	3.88	9.41	0.00	0.00	0.00	0.00	0.00	0.00	9.86	0.05
180.00	60.00	1.84	8.45	0.00	0.00	5.02	7.15	3.84	9.41	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.05
170.00	60.00	1.80	8.44	0.00	0.00	5.04	7.15	3.80	9.41	0.00	0.00	0.00	0.00	0.00	0.00	10.09	0.05
160.00	60.00	1.77	8.43	0.00	0.00	5.06	7.15	3.76	9.41	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.05
150.00	60.00	1.74	8.42	0.00	0.00	5.09	7.15	3.72	9.41	0.00	0.00	0.00	0.00	0.00	0.00	10.35	0.05
140.00	60.00	1.71	8.41	0.00	0.00	5.12	7.15	3.68	9.41	0.00	0.00	0.00	0.00	0.00	0.00	10.49	0.05
130.00	60.00	1.69	8.40	0.00	0.00	5.16	7.15	3.63	9.41	0.00	0.00	0.00	0.00	0.00	0.00	10.64	0.05
120.00	60.00	1.66	8.39	0.00	0.00	5.21	7.15	3.59	9.41	0.00	0.00	0.00	0.00	0.00	0.00	10.80	0.05

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
4 of 5

multi-chem
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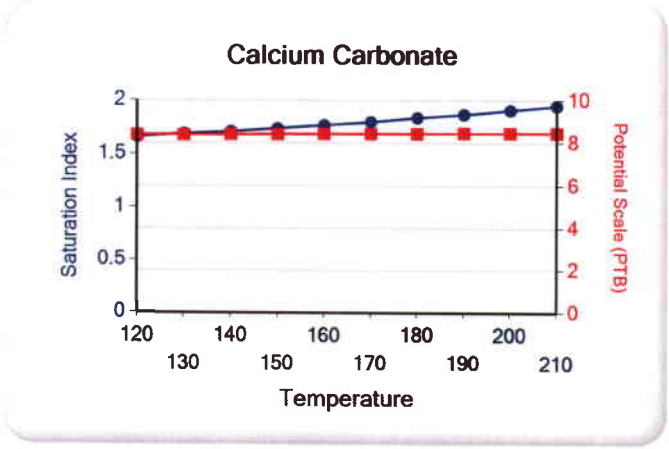
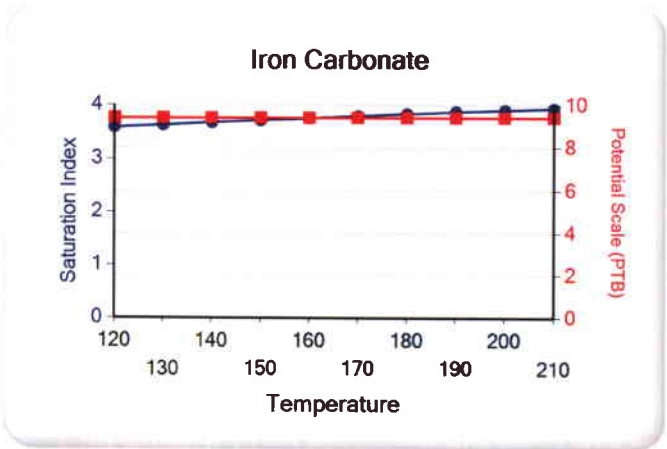
Water Analysis Report

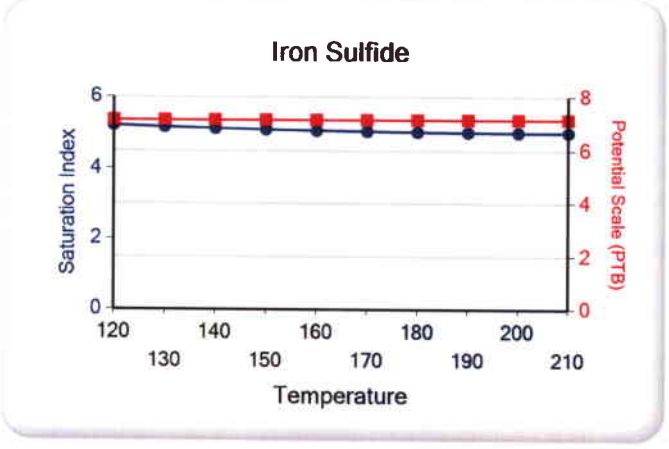
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.06	0.00	0.00	8.91	8.46	4.50	8.93	16.48	10.07
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.06	0.00	0.00	8.61	8.46	4.34	8.92	16.31	10.07
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.06	0.00	0.00	8.31	8.46	4.18	8.91	16.13	10.07
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.66	0.06	0.00	0.00	8.00	8.46	4.01	8.90	15.95	10.07
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.06	0.00	0.00	7.68	8.45	3.84	8.88	15.77	10.07
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.06	0.00	0.00	7.35	8.45	3.68	8.86	15.58	10.07
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.06	0.00	0.00	7.02	8.44	3.51	8.83	15.40	10.07
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.06	0.00	0.00	6.68	8.43	3.34	8.80	15.21	10.07
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.06	0.00	0.00	6.34	8.42	3.16	8.75	15.02	10.07
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.06	0.00	0.00	6.00	8.40	2.99	8.70	14.84	10.07

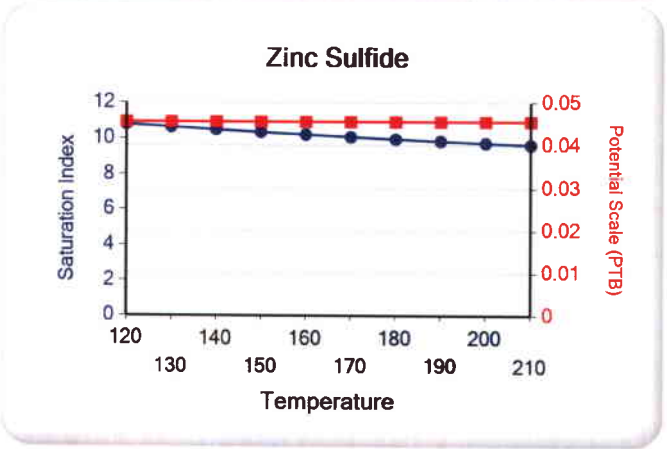
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate







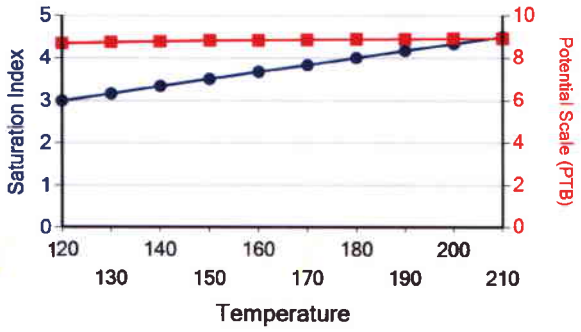


Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

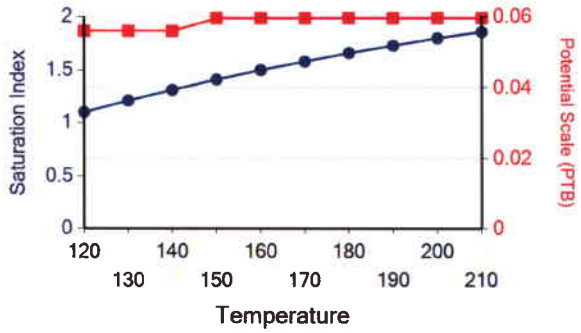
multi-chem
A HALLIBURTON SERVICE

Water Analysis Report

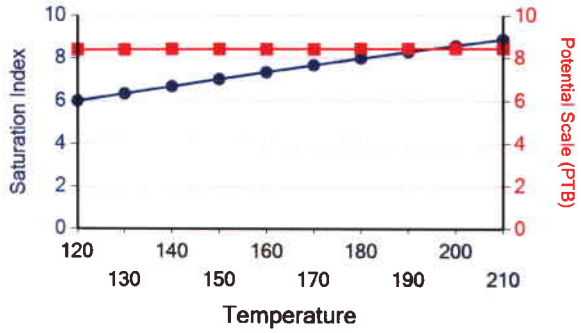
Ca Mg Silicate



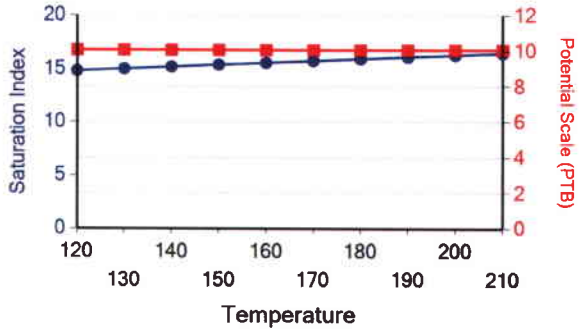
Zinc Carbonate



Mg Silicate



Fe Silicate



Attachment "G"

Federal #13-19-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5528	5571	5550	1904	0.78	1868 ←
4746	4778	4762	3193	1.11	3162
4557	4567	4562	1902	0.85	1872
4350	4385	4368	2166	0.93	2138
3831	3898	3865	2707	1.14	2682
				Minimum	1868

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

ATTACHMENT G-1
1 of 7

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/6/09
Operation: Ran CBL & shot 1st stage

Field:	GMBU CTB3	**Rig Name:**	WWS #5	**Work Performed:**	8/5/2009
Location:	S19 T9S R16E	**Supervisor:**	Aaron Manning	**Day:**	1
County:		**Phone:**	4358231087	**Daily Cost:**	12,216
State:	UT	**Email:**	amanning@newfield.com	**Cum DCR:**	12,216
				Cum. Well Cost:	486,874

24 Hr Summary:	Ran CBL & shot 1st stage.
24 Hr Plan Forward:	Wait on frac crew.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	3	**Conditions:**	

Critical Comments

0 Hr(s); P : Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5603' & cement top @ 58'. Perforate stage #1, CP5 sands @ 5569-71' & 5528-34' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 3 spf for total of 24 shots. 134 BWTR. SWIFN.□

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/13/09
Operation: Frac well

Field:	GMBU CTB3	**Rig Name:**	Rigless	**Work Performed:**	8/12/2009
Location:	S19 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	2
County:		**Phone:**	435-823-6772	**Daily Cost:**	$4,511
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$16,727
				Cum. Well Cost:	$491,385

24 Hr Summary:	Frac well.
24 Hr Plan Forward:	Frac remaining zones.

Incidents:	None	**Newfield Pers:**	4	**Contract Pers:**	18	**Conditions:**	

Critical Comments

0 Hr(s); P : RU BJ Services. 0 psi on well. Broke @ 3864 psi. ISIP @ 1904 psi, 1 min @ 1855 psi, 4 min @ 1748 psi. FG @ .78. Frac CP5 sds w/ 15,618#'s of 20/40 sand in 331 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3307 psi w/ ave rate of 26.5 BPM. ISIP 2648 psi, 5 min @ 2355 psi, 10 min @ 2244 psi, 15 min @ 2159 psi. FG @ .91. Leave pressure on well. 465 BWTR.□

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 3', 5' & 2' perf guns. Set plug @ 4850'. Perforate A1 sds @ 4775-78', 4761-66', & 4746-48' w/ 3 1/8" Slick Guns (.36"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots. RU BJ Services. 2048 psi on well. Broke @ 3897 psi. Pressure dropped below open pressure. Frac A1 sds w/ 60,817#'s of 20/40 sand in 512 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3350 psi w/ ave rate of 34.7 BPM. ISIP 3193 psi. FG. @ 1.10. Leave pressure on well. 977 BWTR□

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 4630'. Perforate B.5 sds @ 4557-67' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¿ pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots. RU BJ Services. Perfs would not break down. Dump bail acid on perfs (3 runs). SWIFN.□

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/14/09
Operation: Frac well.

Field:	GMBU CTB3	**Rig Name:**	Rigless	**Work Performed:**	8/13/2009
Location:	S19 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	3
County:		**Phone:**	435-823-6772	**Daily Cost:**	$78,962
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$95,689
				Cum. Well Cost:	$570,347

24 Hr Summary:	Frac well. SWIFN. 1942 BWTR.
24 Hr Plan Forward:	Wait on completion rig.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	18	**Conditions:**	

Critical Comments

0 Hr(s); P : RU BJ Services. 1101 psi on well. Broke @ 2616 psi. Pressure too low to record shut in pressures. Frac B.5 sds w/ 15,408#'s of 20/40 sand in 273 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2210 psi w/ ave rate of 26.6 BPM. ISIP 1902 psi. FG @ .85. Leave pressure on well. 1250 BWTR.□

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 3' 4' perf guns. Set plug @ 4460'. Perforate D2 sds @ 4382-85' & D1 sds @ 4350-54' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¿ pen., TAG-3375-311SL) w/ 3 spf for total of 21 shots. RU BJ Services. 1315 psi on well. Broke @ 2322 psi. Pressure dropped below open pressure. No shut ins recorded. Frac D1/D2 sds w/ 61,285#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2278 psi w/ ave rate of 26.5 BPM. ISIP 2166 psi. FG. @ .93. Leave pressure on well. 1746 BWTR□

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 5', 4' perf guns. Set plug @ 4070'. Perforate GB6 sds @ 3893-98' & GB4 sds @ 3831-35' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¿ pen., TAG-3375-311SL) w/ 3 spf for total of 27 shots. RU BJ Services. 1232 psi on well. Broke @ 2626 psi. Frac GB4/GB6 sds w/ 84,734#'s of 20/40 sand in 636 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2649 psi w/ ave rate of 33 BPM. ISIP 2707 psi. FG. @ 1.1. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3.5 hrs & died. Recovered 440 bbls water. SWIFN. 1942 BWTR.□

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/18/09
Operation: RU Western #1. PU tbg.

Field:	GMBU CTB3	**Rig Name:**	WWS #1	**Work Performed:**	8/17/2009
Location:	S19 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	4
County:		**Phone:**	435-823-6772	**Daily Cost:**	$35,808
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$131,497
				Cum. Well Cost:	$606,155

24 Hr Summary:	ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. PU 4 3/4" chomp bit, bit sub & 80 jts 2 7/8" tbg. SWIFN. 1942 BWTR.
24 Hr Plan Forward:	Cont. PU tbg. DU CBPs.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	5	**Conditions:**	

Critical Comments

0 Hr(s); P : MIRU Western #1. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 80 jts new 2 7/8" tbg. from pipe racks. RU pump & lines. Circulate well clean. SWIFN. 1942 BWTR.□

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/19/09
Operation: DU CBPs. Swab for cleanup.

Field:	GMBU CTB3	**Rig Name:**	WWS #1	**Work Performed:**	8/18/2009
Location:	S19 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	5
County:		**Phone:**	435-823-6772	**Daily Cost:**	$6,010
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$137,507
				Cum. Well Cost:	$612,165

24 Hr Summary:	DU CBPs. C/O to PBTD @ 5654'. Swab for cleanup.
24 Hr Plan Forward:	Cont. swabbing for cleanup. Round trip tbg.

Incidents:	Incident/Illness Report;None	**Newfield Pers:**	1	**Contract Pers:**	5	**Conditions:**	

Critical Comments

0 Hr(s); P : Cont. RIH w/ tbg. Tag fill @ 3860'. RU powerswivel. C/O to CBP @ 4070'. DU CBP in 10 min. Cont. RIH w/ tbg. Tag fill @ 4358'. C/O to CBP @ 4460'. DU CBP in 16 min. Cont. RIH w/ tbg. Tag fill @ 4562'. C/O to CBP @ 4630'. DU CBP @ 19 min. Cont. RIH w/ tbg. Tag fill @ 4811'. C/O to CBP @ 4850'. DU CBP @ 13 min. Cont. RIH w/ tbg. Tag fill @ 5535'. C/O to PBTD @ 5654'. Circualte well clean. Pull up to 5605'. RU swab. SFL @ surface. Made 1 run. Lost knuckle & mandrel. MU new knuckle & mandrel. Made 4 runs. SFL @ surface. Recovered 45 bbls water. EFL @ 300'. SWIFN. 1972 BWTR.□

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/20/09
Operation: Swab for cleanup. Round trip tbg.

Field:	GMBU CTB3	**Rig Name:**	WWS #1	**Work Performed:**	8/19/2009
Location:	S19 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	6
County:		**Phone:**	435-823-6772	**Daily Cost:**	$4,445
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$141,952
				Cum. Well Cost:	$616,610

24 Hr Summary:	Swab for cleanup. Round trip tbg.
24 Hr Plan Forward:	Cont. RIH w/ tbg. PU rods.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	4	**Conditions:**	

Critical Comments

0 Hr(s); P : RIH w/ swab. SFL @ 600'. Made 6 runs. Recovered 70 bbls. Trace of oil, no show of sand. EFL @ 600'. RD swab. RIH w/ tbg. Tag PBTD @ 5654'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 105 jts 2 7/8" tbg. SWIFN.

ATTACHMENT G-1

7 of 7

NEWFIELD
ROCKY MOUNTAINS

Final Daily Completion Report

Well Name: FEDERAL 13-19-9-16
AFE: 11345
Report Date: 8/21/09
Operation: Cont. RIH w/ tbg. PU rods.

Field:	GMBU CTB3	**Rig Name:**	WWS #1	**Work Performed:**	8/20/2009
Location:	S19 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	7
County:		**Phone:**	435-823-6772	**Daily Cost:**	$23,375
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$165,327
				Cum. Well Cost:	$639,985

24 Hr Summary:	RIH w/ tbg. ND BOP. RIH w/ rods. PWOP @ 4:00 p.m. 5.5 spm, 68" stroke length. 1987 BWTR.						
24 Hr Plan Forward:	Produce well.						
Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	4	**Conditions:**	

Critical Comments

0 Hr(s); P : Cont. RIH w/ tbg. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., 2 7/8" nipple, PBGA, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 167 jts 2 7/8" tbg. ND BOP. Set TAC @ 5263' w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 76- 3/4" slick rods, 109- 3/4" guided rods, 1- 2' x 3/4" pony sub, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Stroke test to 800 psi. Good pump action. RD. Put well on production @ 4:00 p.m. 5.5 spm, 68" stroke length. Final Report. 1987 BWTR.□

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4492'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	154' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 45 sx Class "G" cement down 5 ½" casing to 373'

The approximate cost to plug and abandon this well is $42,000.

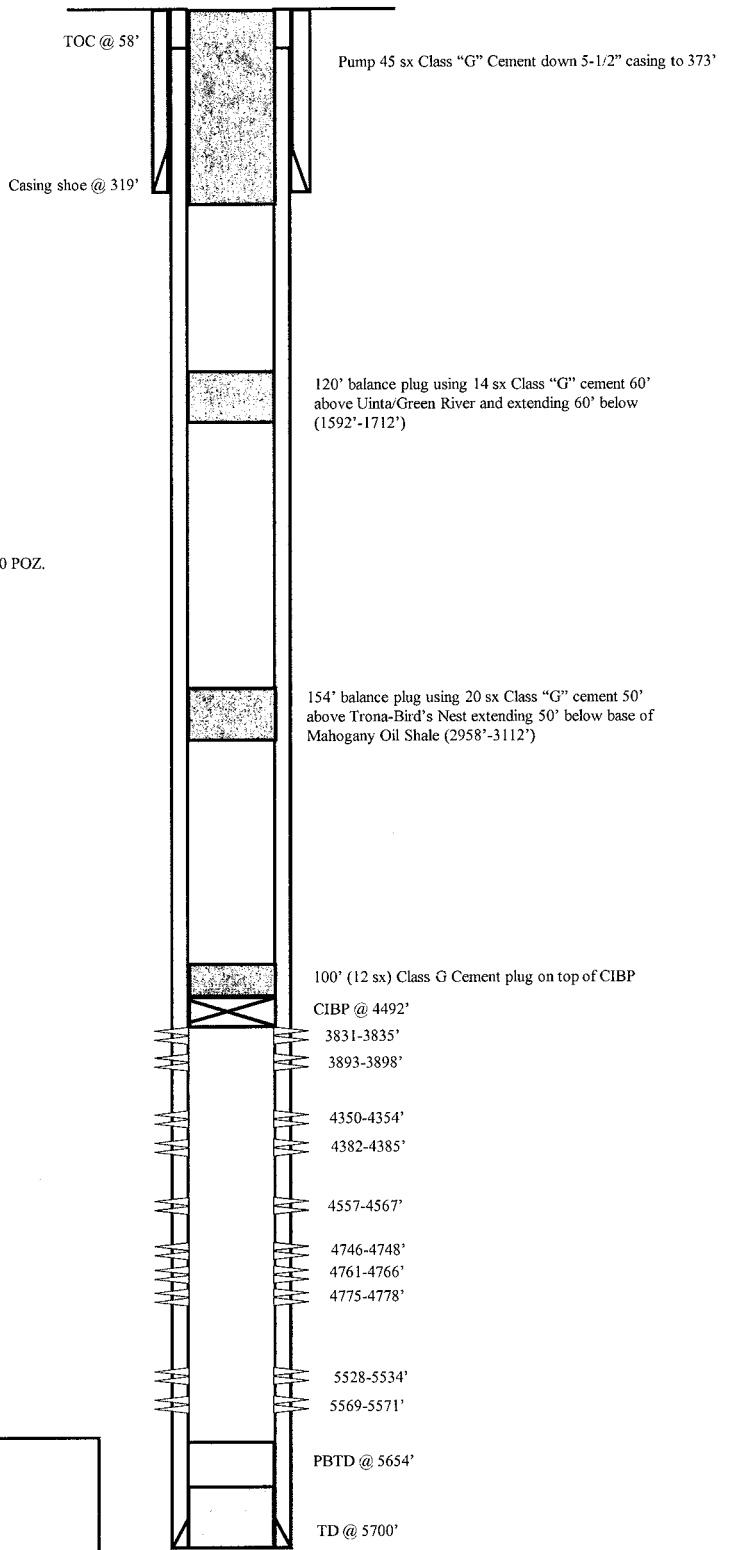
ATTACHMENT H-1

Federal 13-19-9-16

Spud Date:
Put on Production:

GL: 6044' KB: 6056'

Proposed P & A
Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (30.7.17')
DEPTH LANDED: 319.02'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (5642.16')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5696.9'
CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.
CEMENT TOP AT: 58'

NEWFIELD

Federal 13-19-9-16
588' FSL & 758' FWL SWSW
Section 19-T9S-R16E
Duchesne Co, Utah
API # 43-013-33103; Lease # UTU-74391

JL 1/7/2013

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 10-15-9-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 15 East
API 43-013-32471
West Point U 12-6-9-16 well located in NW/4 SW/4, Section 6, Township 9 South, Range 16 East
API 43-013-31765
Jonah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East
API 43-013-32754
Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32998
Federal 14-18-9-16 well located in SE/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-33000
Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33103
Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-31681
Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
API 43-013-33454

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of June, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 10-15-9-15, WEST POINT U 12-6-9-16,
JONAH FEDERAL 16-15-9-16, FEDERAL 12-18-9-16,
FEDERAL 14-18-9-16, FEDERAL 13-19-9-16
MONUMENT FEDERAL 22-20-9-16, FEDERAL 3-30-9-16**

Cause No. UIC-410

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Ute Tribe
P O Box 190
Ft. Duchesne, UT 84026

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jan Sweet

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

June 11, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-410

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-410

Cindy Kleinfelter <classifieds@ubstandard.com> Wed, Jun 12, 2013 at 10:20 AM
To: Jean Sweet <jsweet@utah.gov>

On 6/11/2013 2:40 PM, Jean Sweet wrote:

> To Whom It May Concern:
>
> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
>
> Division of Oil, Gas and Mining
>
> PO Box 145801
>
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean Sweet
>
> --
> Jean Sweet
> Executive Secretary
> Utah Division of Oil, Gas and Mining
> 801-538-532

This will run June 18.
Thank you,
Cindy

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

June 11, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-410

To Whom It May Concern:

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Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

Proof for Notice

Stowe, Ken <naclegal@mediaoneutah.com> Tue, Jun 11, 2013 at 3:21 PM
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

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Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000886505-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	**Payor Address**	1594 W NORTH TEMP #1210,P.O. BO) SALT LAKE CITY, UT 84114
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	**$267.08**
Payment Amt	**$0.00**
Amount Due	**$267.08**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method

PO Number Cause No. UIC-410

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 78 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/14/2013	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/14/2013	
Product	**Placement**	**Position**
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/14/2013	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	6/14/2013	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
API 43-013-33454

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of June, 2013.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

886505 UPAXLP

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune | MEDIAONE OF UTAH | Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/14/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	**ADORDER# / INVOICE NUMBE**
8015385340	0000886505 /
SCHEDULE	
Start 06/14/2013	End 06/14/2013
CUST. REF. NO.	
Cause No. UIC-410	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RE	
SIZE	
78 Lines	2.00 COLUMN
TIMES	**RATE**
4	
MISC. CHARGES	**AD CHARGES**
	TOTAL COST
	267.08

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-410

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Dated this 11th day of June, 2013.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

886505 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-410 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 06/14/2013 End 06/14/2013

SIGNATURE

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2016

6/14/2013

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 18 day of June, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 18 day of June, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

[signature]

Publisher

Subscribed and sworn to before me on this

19 day of June, 20 13

by Kevin Ashby.

[signature]

Notary Public

Notary Public
BONNIE PARRISH
Commission #[illegible]
My Commission Expires
February [illegible] 20[illegible]
State of Utah

NOTICE OF AGENCY ACTION CAUSE NO. UIC-410

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-31765

Jonah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East
API 43-013-32754

Federal 12-18-9-

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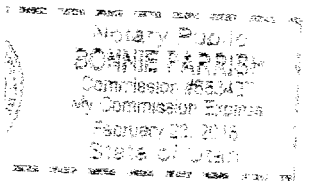
Dated this 11th day of June, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

Published in the Uintah Basin Standard June 18, 2013.

Notary Public



injection wells:

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API 43-013-32754

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API 43-013-32998

Federal 14-18-9-16 well located in SE/4 SW/4, Section 18, Township 9 South, Range 16 East

API 43-013-33000

Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33103

Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-31681

Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East

API 43-013-33454

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Permitting Manager

Published in the Uintah Basin Standard June 18, 2013.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Federal 13-19-9-16

Location: 19/9S/16E **API:** 43-013-33103

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 319 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,697 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,402 feet. A 2 7/8 inch tubing with a packer is proposed at 3,781 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 10 producing wells and 2 injection wells in the AOR. One of the wells shown as a producing well is permitted as an injection well but has not yet begun injecting. In addition, there is 1 currently permitted surface location outside the AOR, from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2500 feet. Injection shall be limited to the interval between 3,658 feet and 5,654 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-19-9-16 well is 0.78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,868 psig. The requested maximum pressure is 1,868 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 6/19/2013

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

July 10, 2013

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 13-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33103

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

5. The top of the injection interval shall be limited to a depth no higher than 3,658 feet in the Federal 13-19-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

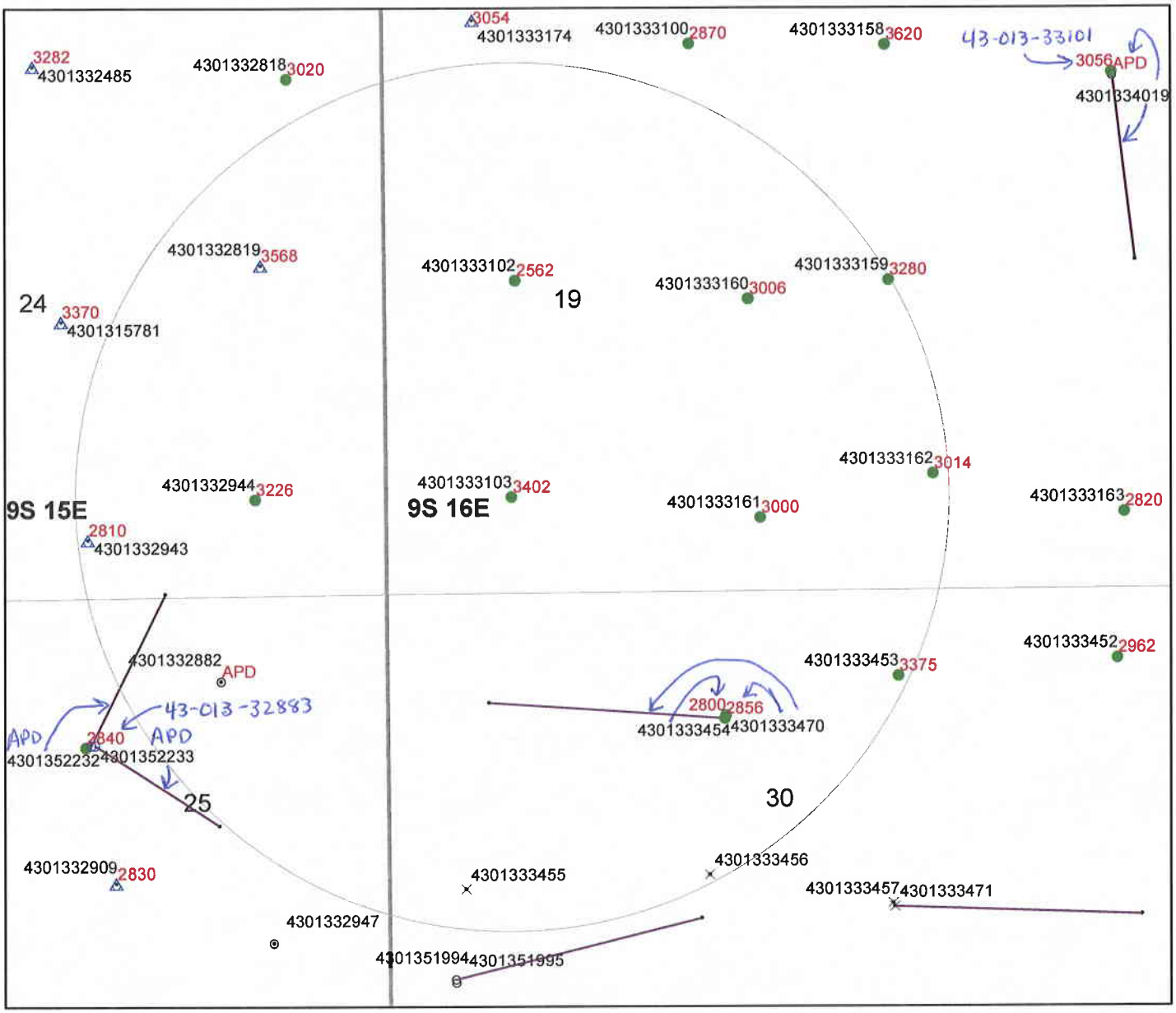
Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING



Legend

Oil & Gas Well Type

- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- GIW-Gas Injection Well
- GSW-Gas Storage Well
- LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well
- RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- WIW-WaterInjection Well
- WSW-Water Supply Well

4585 Depth to top of suitable cement bond

- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

Cement Bond Tops
Federal 13-19-9-16
API #43-013-33103
UIC-410.6

0 0.05 0.1 0.2 0.3 0.4 Miles

N

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: FEDERAL 13-19-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013331030000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0588 FSL 0758 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 19 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/5/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 09/04/2013. On 09/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2013 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 17, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 9/13/2013

RECEIVED: Sep. 13, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 9/5/13 **Time** 9:30 (am) pm

Test Conducted by: Jonny Daniels

Others Present: _____

Well: ~~Fed. 13-19-9-16~~	**Field:** Monument Butte.
Well Location: SW/SW Sec 19 T9S R16E Duchesne	**API No:** 4301333103

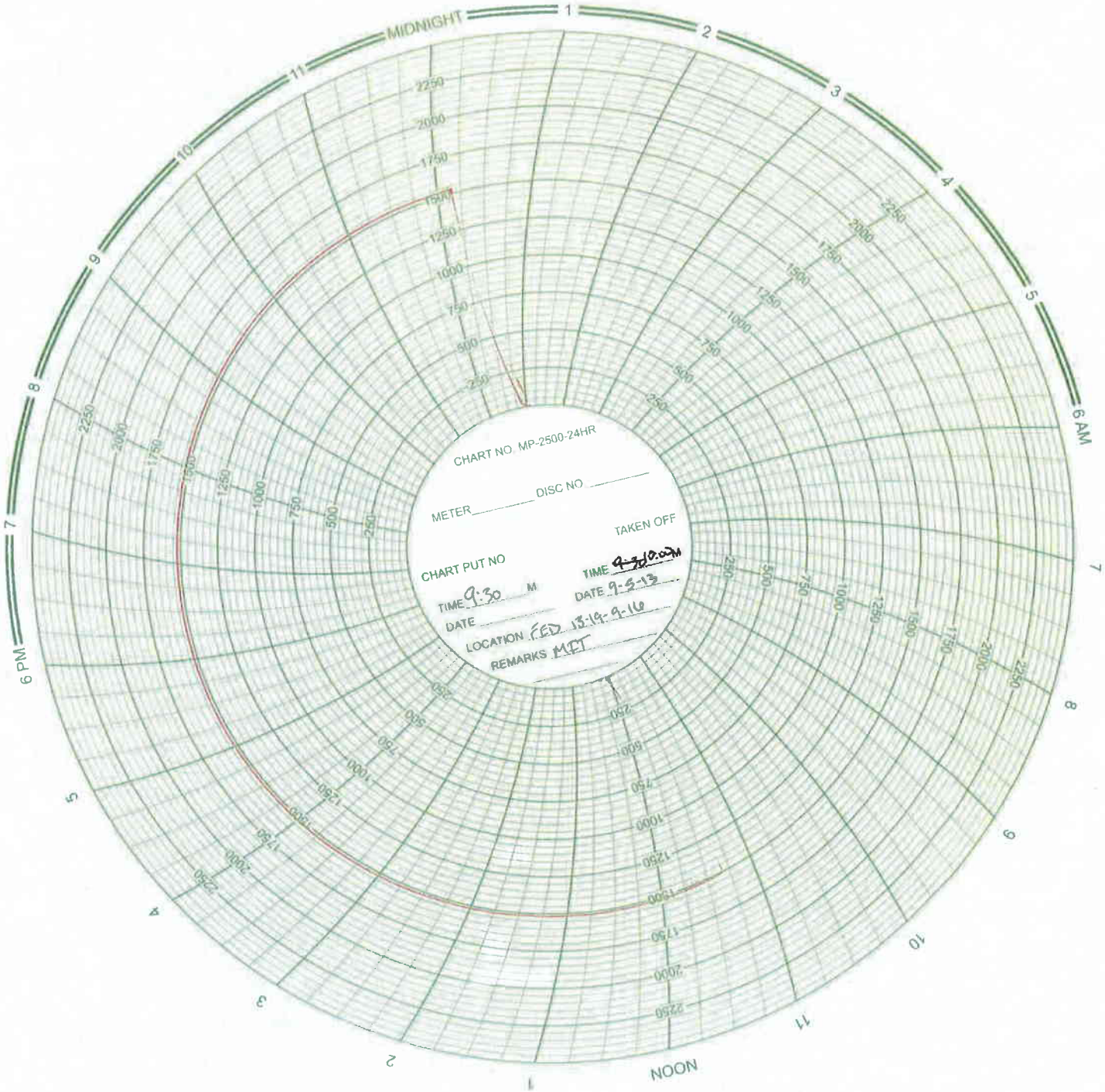
Time	Casing Pressure	
0 min	1500	psig
5	1500	psig
10	1500	psig
15	1500	psig
20	1500	psig
25	1500	psig
30 min	1500	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 900 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____


MIDNIGHT
6 AM
NOON
6 PM
CHART NO. MP-2500-24HR
METER
DISC NO
CHART PUT NO
TIME 9:30 M
DATE
LOCATION FED 13-19-9-16
REMARKS MIT
TAKEN OFF
TIME 9:30 AM
DATE 9-5-13

Daily Activity Report

Format For Sundry

FEDERAL 13-19-9-16

7/1/2013 To 11/30/2013

9/5/2013 Day: 3 **Conversion**

Basic #1629 on 9/5/2013 - test casing to 1400 p.s.i. hold 100 % for 30 minutes - 6:00-7:00 crew travel and safety meeting 7:00-8:00 rig down floor nipple down b.o.p. nipple up well head 8:00-8:30 pump packer fluid nipple down well head set packer fill casing nipple up well head 8:30-11:00 test casing to 1400 p.s.i. hold 100 % for 30 minutes 11:00-12:00 rig down load trucks and trailers - 9:00-10:00 road rig to location 10:00-11:00 spot rig at well rig up unload trucks and trailers 11:00-12:00 pump 60 bbls 250 degree water down casing rig down horse head change to rod equipment work pump off seat 12:00-1:00 flush rods with 40 bbls 250 degree water soft seat pump rig down flow lines and ratigan pressure test tubing to 3000 p.s.i .well did not test 1:00-4:00lay down rods and pump change to tubing equipment 4:00-5:00 crew travel - 9:00-10:00 road rig to location 10:00-11:00 spot rig at well rig up unload trucks and trailers 11:00-12:00 pump 60 bbls 250 degree water down casing rig down horse head change to rod equipment work pump off seat 12:00-1:00 flush rods with 40 bbls 250 degree water soft seat pump rig down flow lines and ratigan pressure test tubing to 3000 p.s.i .well did not test 1:00-4:00lay down rods and pump change to tubing equipment 4:00-5:00 crew travel - 6:00-7:00 crew travel and safety meeting 7:00-8:00 nipple down well head nipple up b.o.p. rig up workfloor tongs and slips 8:00-9:00 pump 60 bbls 250 degree water down casing 9:00-10:00 work tubing anchor free 10:00-2:00 p.o.o.h. with tubing breaking and teflon doping every connection 2:00-3:00 t.i.h. with tubng to landing depth 3:00-5:00 pump 15 bbl pad drop standing valve pressure test to 3000 p.s.i. hold 100 % for 30 minutes 5:00-6:00 r.i.h. retrieve standing valve secure well s.d.f.n. 6:00-7:00 crew travel - 6:00-7:00 crew travel and safety meeting 7:00-8:00 nipple down well head nipple up b.o.p. rig up workfloor tongs and slips 8:00-9:00 pump 60 bbls 250 degree water down casing 9:00-10:00 work tubing anchor free 10:00-2:00 p.o.o.h. with tubing breaking and teflon doping every connection 2:00-3:00 t.i.h. with tubng to landing depth 3:00-5:00 pump 15 bbl pad drop standing valve pressure test to 3000 p.s.i. hold 100 % for 30 minutes 5:00-6:00 r.i.h. retrieve standing valve secure well s.d.f.n. 6:00-7:00 crew travel - 9:00-10:00 road rig to location 10:00-11:00 spot rig at well rig up unload trucks and trailers 11:00-12:00 pump 60 bbls 250 degree water down casing rig down horse head change to rod equipment work pump off seat 12:00-1:00 flush rods with 40 bbls 250 degree water soft seat pump rig down flow lines and ratigan pressure test tubing to 3000 p.s.i .well did not test 1:00-4:00lay down rods and pump change to tubing equipment 4:00-5:00 crew travel - 6:00-7:00 crew travel and safety meeting 7:00-8:00 rig down floor nipple down b.o.p. nipple up well head 8:00-8:30 pump packer fluid nipple down well head set packer fill casing nipple up well head 8:30-11:00 test casing to 1400 p.s.i. hold 100 % for 30 minutes 11:00-12:00 rig down load trucks and trailers - 6:00-7:00 crew travel and safety meeting 7:00-8:00 rig down floor nipple down b.o.p. nipple up well head 8:00-8:30 pump packer fluid nipple down well head set packer fill casing nipple up well head 8:30-11:00 test casing to 1400 p.s.i. hold 100 % for 30 minutes 11:00-12:00 rig down load trucks and trailers - 6:00-7:00 crew travel and safety meeting 7:00-8:00 nipple down well head nipple up b.o.p. rig up workfloor tongs and slips 8:00-9:00 pump 60 bbls 250 degree water down casing 9:00-10:00 work tubing anchor free 10:00-2:00 p.o.o.h. with tubing breaking and teflon doping every connection 2:00-3:00 t.i.h. with tubng to landing depth 3:00-5:00 pump 15 bbl pad drop standing valve pressure test to 3000 p.s.i. hold 100 % for 30 minutes 5:00-6:00 r.i.h. retrieve standing valve secure well s.d.f.n. 6:00-7:00 crew travel - 6:00-7:00 crew travel and safety meeting 7:00-8:00 nipple down well head nipple up b.o.p. rig up workfloor tongs and slips 8:00-9:00 pump 60 bbls 250 degree water down casing 9:00-10:00 work tubing anchor free 10:00-2:00 p.o.o.h. with tubing breaking and teflon doping every connection 2:00-3:00 t.i.h. with tubng to landing depth 3:00-5:00 pump 15 bbl pad drop standing valve pressure test to 3000 p.s.i. hold 100 % for 30 minutes 5:00-6:00

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Daily Cost: $0

Cumulative Cost: $26,082

9/6/2013 Day: 4 **Conversion**

Rigless on 9/6/2013 - Conduct initial MIT - On 09/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2013 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 09/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2013 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 09/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2013 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 09/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2013 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 09/04/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2013 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: $0

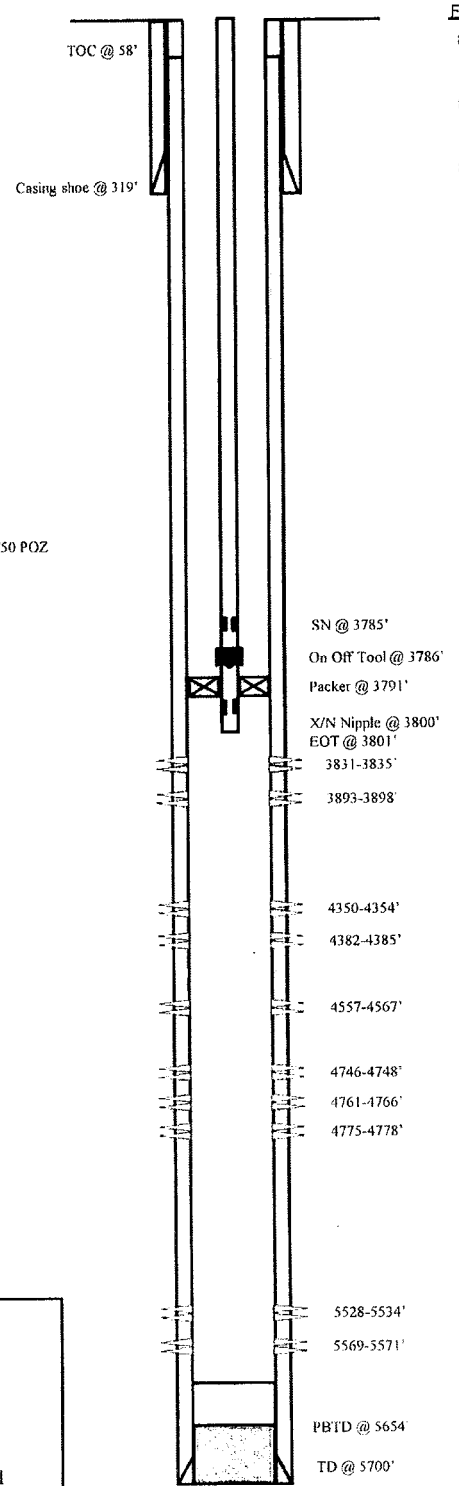
Cumulative Cost: $58,294

Pertinent Files: Go to File List

Federal 13-19-9-16

Spud Date: 7/18/2009
Put on Production: 8/20/2009
GL: 6044' KB: 6056'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH: 7 jts (30 7 17')
DEPTH LANDED 319 02'
HOLE SIZE 12-1/4"
CEMENT DATA 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE: J-55
WEIGHT 15 5#
LENGTH: 143 jts (5642 16')
HOLE SIZE 7-7/8"
DEPTH LANDED 5696 9'
CEMENT DATA 275 sx Prem Lite II mixed & 400 sx 50/50 POZ
CEMENT TOP AT 58'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
NO OF JOINTS 120 jts (3772 8')
SEATING NIPPLE 2-7/8" (1 10')
SN LANDED AT 3784 8' KB
ON/OFF TOOL AT 3785 9'
ARROW #1 PACKER CE AT 3791 4'
XO 2-3/8 x 2-7/8 J-55 AT 3794 8'
TBG PUP 2-3/8 J-55 AT 3795 3'
X/N NIPPLE AT 3799 6'
TOTAL STRING LENGTH EOT @ 3800 9'

FRAC JOB

8-21-09	**5528-5571'**	**Frac CP5 sands as follows:** Frac with 15618# 20/40 sand in 124 bbls Lightning 17 fluid
8-21-09	**4746-4778'**	**Frac A1 sands as follows:** Frac with 60817# 20/40 sand in 358 bbls Lightning 17 fluid
8-21-09	**4557-4567'**	**Frac B.5 sands as follows:** Frac with 15408# 20/40 sand in 124 bbls Lightning 17 fluid
8-21-09	**4350-4385'**	**Frac D1 & D2 sands as follows:** Frac with 61285# 20/40 sand in 360 bbls Lightning 17 fluid
8-21-09	**3831-3898'**	**Frac GB4 & GB5 sands as follows:** Frac with 84734# 20/40 sand in 506 bbls Lightning 17 fluid
9/30/09		**Pump Change** Updated rod & tubing details
11/30/2009		**Pump Change** Updated rod and tubing detail
05/01/10		**Pump Change** Updated rod and tubing detail
07/23/11		**Pump Change** Rods & tubing updated
09/04/13		**Convert to Injection Well**
09/05/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

5569-5571'	3 JSPF	6 holes
5528-5534'	3 JSPF	18 holes
4775-4778'	3 JSPF	9 holes
4761-4766'	3 JSPF	15 holes
4746-4748'	3 JSPF	6 holes
4557-4567'	3 JSPF	30 holes
4382-4385'	3 JSPF	9 holes
4350-4354'	3 JSPF	12 holes
3893-3898'	3 JSPF	15 holes
3831-3835'	3 JSPF	12 holes

NEWFIELD

Federal 13-19-9-16
588' FSL & 758' FWL SWSW
Section 19-T9S-R16E
Duchesne Co, Utah
API # 43-013-33103; Lease # UTU-74391

LCN 09/11/13

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: FEDERAL 13-19-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013331030000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0588 FSL 0758 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 19 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/27/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 9:00 AM on 09/27/2013.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 07, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 10/4/2013

RECEIVED: Oct. 04, 2013